

VIDEOCASSETTE RECORDER

UVW-1800

UVW-1800P

VIDEOCASSETTE PLAYER

UVW-1600

UVW-1600P

SERVICE MANUAL

Volume 2 1st Edition (Revised 1)

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This manual used to be printed on paper but is now in electronic form. All blank pages in the printed version have been eliminated in the electronic version to facilitate printing at service stations. Hence, although some pages may appear to be missing, no service information has been omitted.

Introducing this manual

This manual is the Service Manual Vol. 2 of the video cassette recorder model UVW-1800/1800P and the video cassette player model UVW-1600/1600P . This manual contains block diagrams, board layouts, schematic diagrams, parts lists.

Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

Section 14 BLOCK DIAGRAMS

Section 15 BOARD LAYOUTS

Section 16 SCHEMATIC DIAGRAMS

Section 17 SEMICONDUCTOR PIN ASSIGNMENTS

Section 18 SPARE PARTS AND OPTIONAL FIXTURES

Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- **Operation Manual (Supplied with equipment)**

Explains how to operate this equipment.

- **Installation Manual (Not supplied with equipment)**

Contains rack mount information necessary for installation of the equipment, the connector information necessary for connecting the unit with peripherals and others.

- **Service Manual Vol. 1 (Not supplied with equipment)**

Contains the maintenance information and servicing information necessary for parts replacement and adjustment.

目次

TABLE OF CONTENTS

Volume 1

1. OPERATING INSTRUCTION
2. INSTALLATION
3. SERVICE OVERVIEW
4. MAINTENANCE MENU
5. PERIODIC MAINTENANCE AND INSPECTION
6. REPLACEMENT OF MECHANICAL PARTS
7. TAPE PATH ALIGNMENT
8. ELECTRICAL ALIGNMENT OVERVIEW
9. POWER SUPPLY AND SYSTEM CONTROL
ALIGNMENT
10. SERVO ALIGNMENT
11. AUDIO/TIMECODE ALIGNMENT
12. VIDEO ALIGNMENT
13. ELECTRICAL ALIGNMENT AFTER
REPLACEMENT BOARDS

14. BLOCK DIAGRAMS

Overall (1/2)	14-1
Overall (2/2)	14-2
Y/C Rec Process (Decode, Mod.), CTDM	14-4
RF REC/PB Amplifier, Rotary	
Erase Oscillator	14-6
PB RF EQ, Demodulator	14-8
Encode, Output Driver	14-10
Time Base Corrector, CTDM (Expand)	14-12
Time Base Corrector	14-14
Audio PB, In/Out, LTC PB	14-17
Audio Erase/Bias Osc, Mode Control,	
LTC REC, Crosstalk Cancel	14-18
System Control	14-20
Servo (1)	14-22
Servo (2)	14-23
Power Supply	14-24

15. BOARD LAYOUTS

AP-31/31P	15-4
AP-31A/31AP	15-6
AR-14/14P	15-8
CP-225	15-10
CP-225A	15-12
CP-226	15-14
CP-226J	
CP-226A	
CP-226AJ	
CP-237	15-16
CP-237A	
DR-214	15-18
KY-249	15-20
KY-249A	15-22
MS-39	15-24
MS-39A	
RP-70/70P	15-26
RP-70A/70AP	15-28
SS-53	15-30
TBC-25/25P	15-34
VP-43/43P	15-38
VP-43A/43AP	
VRA-5/5P	15-42
FRAME (1)	15-46
CL-25	
HP-61	
HP-61A	
PC-62	
PD-35	
FRAME (2)	15-48
PTC-66	
PTC-67	
PTC-68	
RM-126	
RM-127	
SE-207	
TR-84	
VR-155	

SOPS-1045/1046	15-50
MB-470/470P	15-52
MB-470A/470AP	15-56
MB-471	15-60
MB-471A	15-62

16. SCHEMATIC DIAGRAMS

AP-31/31P (1/3)	16-4
AP-31/31P (2/3)	16-8
AP-31/31P (3/3)	16-12
AP-31A/31AP (1/3)	16-16
AP-31A/31AP (2/3)	16-20
AP-31A/31AP (3/3)	16-24
AR-14/14P (1/4)	16-28
AR-14/14P (2/4)	16-32
AR-14/14P (3/4)	16-36
AR-14/14P (4/4)	16-40
CP-225/225A	16-43
CP-226/226A/226J/226AJ	16-45
DR-214 (1/2)	16-48
DR-214 (2/2)	16-52
KY-249	16-56
KY-249A	16-60
MS-39/39A	16-64
RP-70/70A/70P/70AP (1/2)	16-68
RP-70/70A/70P/70AP (2/2)	16-72
SS-53 (1/4)	16-76
SS-53 (2/4)	16-80
SS-53 (3/4)	16-84
SS-53 (4/4)	16-88
TBC-25/25P (1/4)	16-92
TBC-25/25P (2/4)	16-96
TBC-25/25P (3/4)	16-100
TBC-25/25P (4/4)	16-104
VP-43/43A/43P/43AP (1/7)	16-108
VP-43/43A/43P/43AP (2/7)	16-112
VP-43/43A/43P/43AP (3/7)	16-116
VP-43/43A/43P/43AP (4/7)	16-120
VP-43/43A/43P/43AP (5/7)	16-124
VP-43/43A/43P/43AP (6/7)	16-128
VP-43/43A/43P/43AP (7/7)	16-132
VRA-5/5P (1/4)	16-136
VRA-5/5P (2/4)	16-140
VRA-5/5P (3/4)	16-144
VRA-5/5P (4/4)	16-148
SOPS-1045/1046	16-151
MB-470/470A/470P/470AP (1/4)	16-153
MB-470/470A/470P/470AP (2/4)	16-155
MB-470/470A/470P/470AP (3/4)	16-157
MB-470/470A/470P/470AP (4/4)	16-159
MB-471/A (1/2)	16-161
MB-471/A (2/2)	16-163

FRAME (1/2)	16-165
CL-25	
DUS-355	
PD-35	
PTC-66	
PTC-67	
PTC-68	
RM-126	
RM-127	
SE-207	
TR-84	
FRAME (2/2)	16-167
CP-237	
CP-237A	
HP-61	
HP-61A	
VR-155	

17. SEMICONDUCTOR PIN ASSIGNMENTS

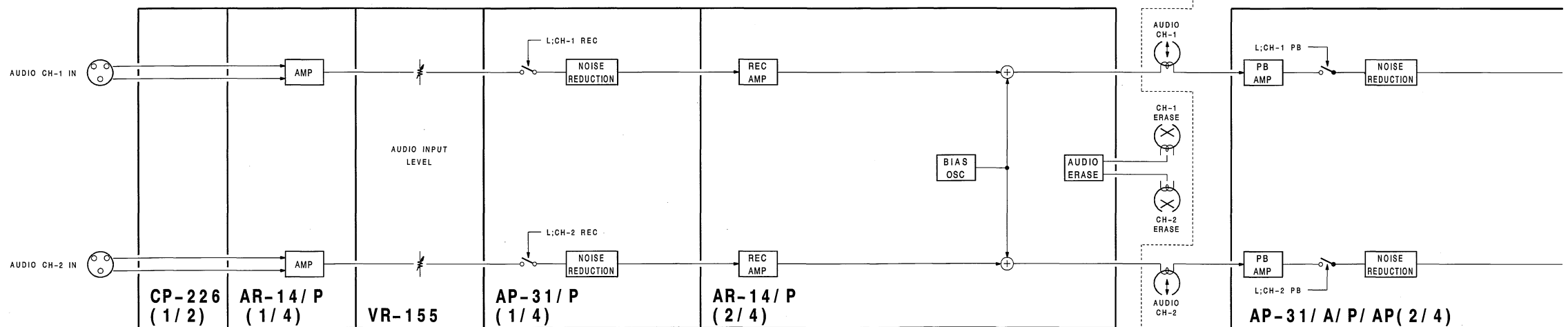
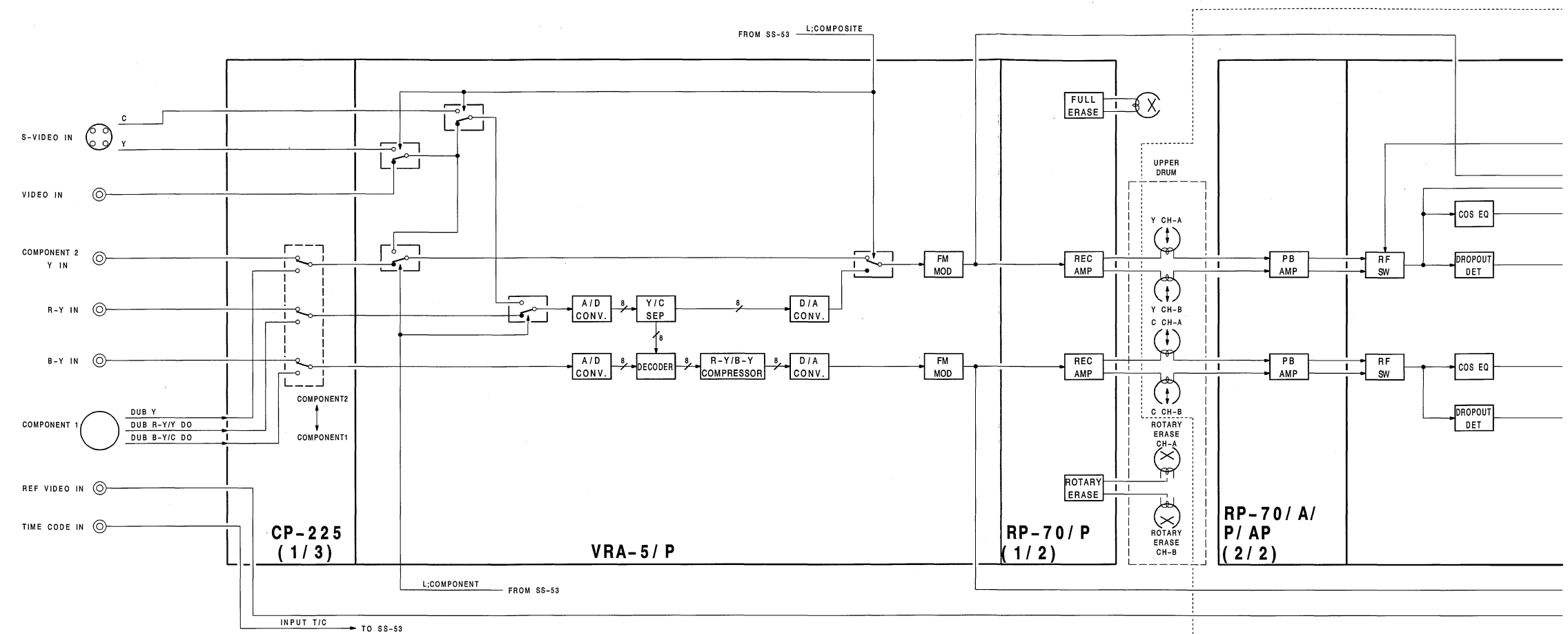
18. SPARE PARTS AND OPTIONAL FIXTURES

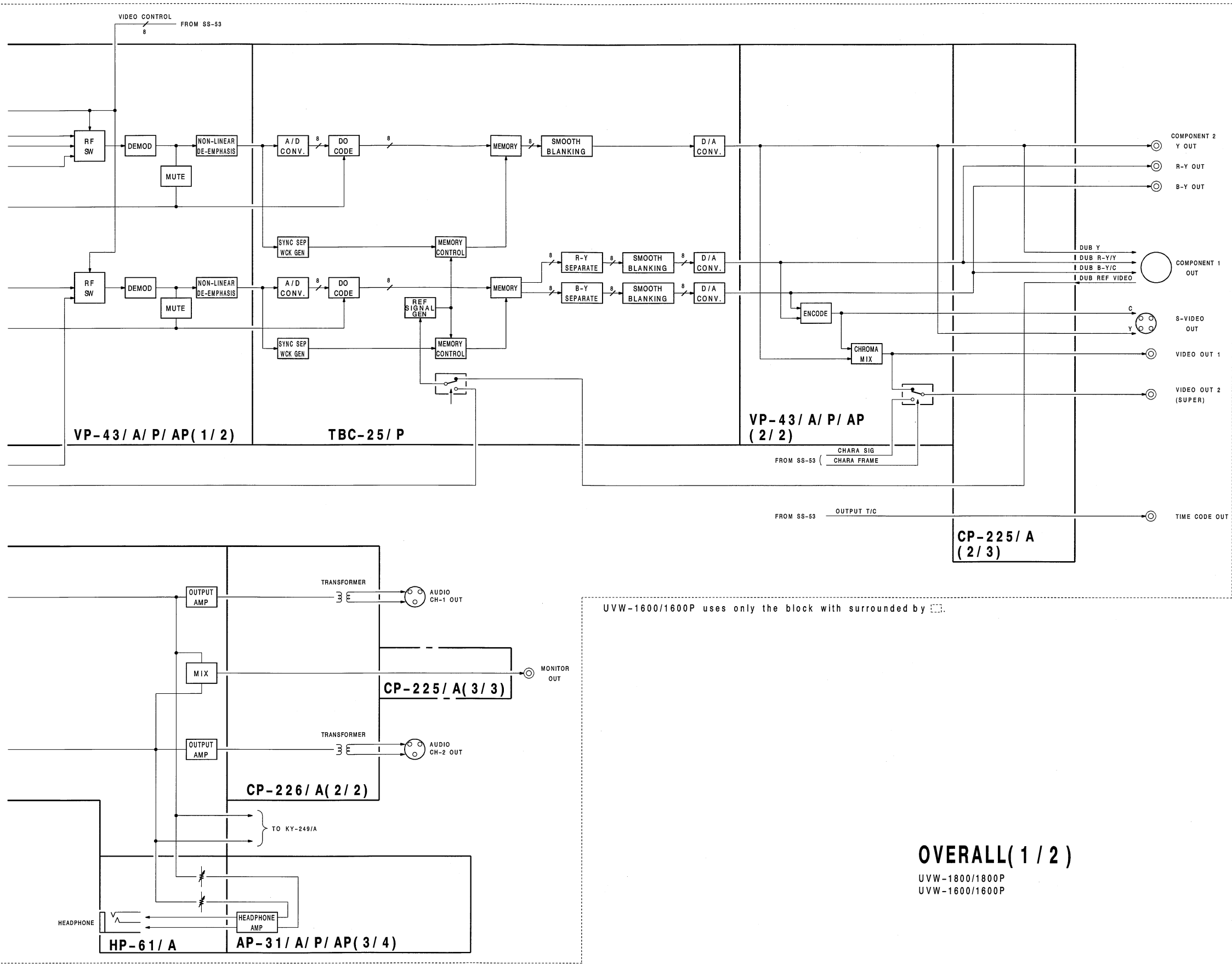
18-1. Notes on Spare Parts	18-1
18-2. Exploded Views	18-2
Reel Chassis (1)	18-4
Loading Ring	18-6
Reel Chassis (2)	18-8
Drum & Tension Regulator Assembly	18-10
DR-214 Board Assembly	18-12
Press Assy, Pinch	18-14
Cassette Compartment Assembly	18-16
Chassis & Ornamental Panel Block	18-18
Card Rack Block (1)	18-20
Card Rack Block (2)	18-22
Chassis Block	18-24
Connector Panel Block	18-26
18-3. Electrical Parts Lists	18-29
18-4. Packing Materials & Accessories	18-158
18-5. Optional Fixtures	18-159



SECTION 14
BLOCK DIAGRAMS

OVERALL (1/2)



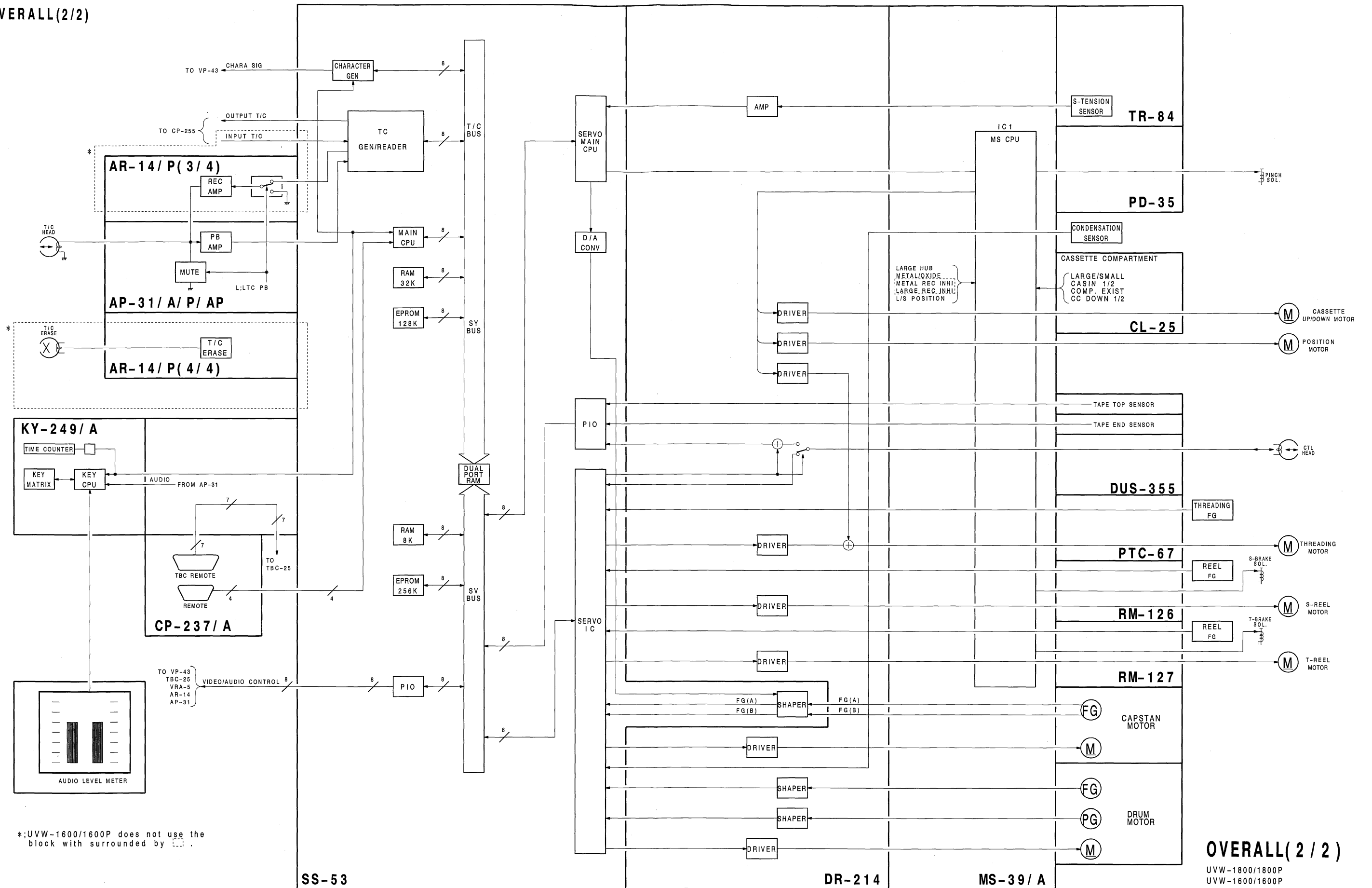


UVW-1600/1600P uses only the block with surrounded by [].

OVERALL(1 / 2)

UVW-1800/1800P
UVW-1600/1600P

OVERALL(2/2)



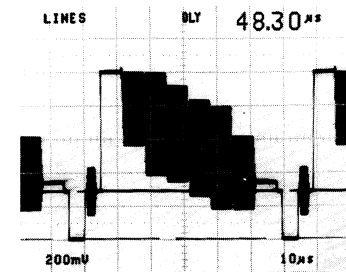
*;UVW-1600/1600P does not use the block with surrounded by [] .

OVERALL(2 / 2)

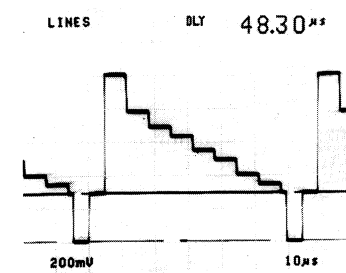
UVW-1800/1800P
UVW-1600/1600P

For J,UC

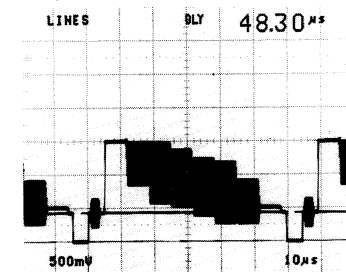
① TP101 REC/EE
(COMPOSITE)



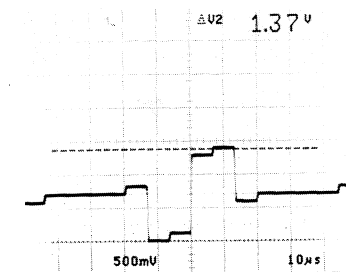
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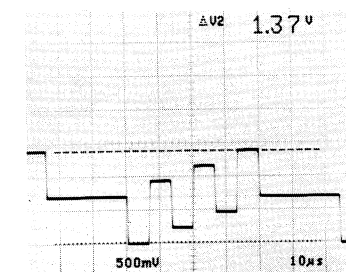
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(COMPOSITE)



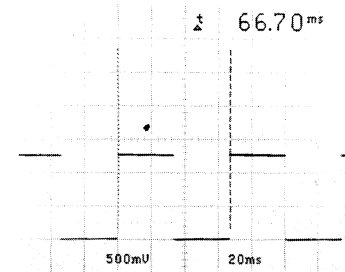
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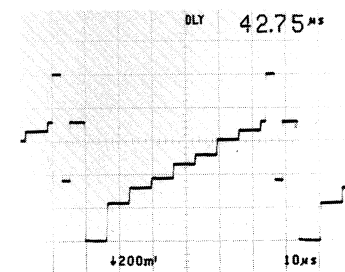
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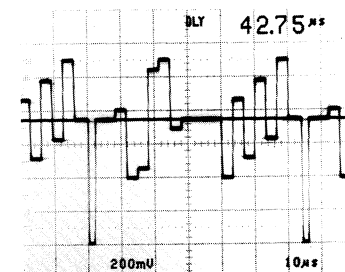
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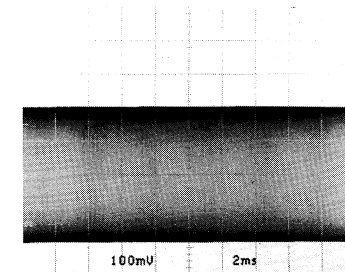
⑤ TP502 REC/EE



⑥ TP602 REC/EE

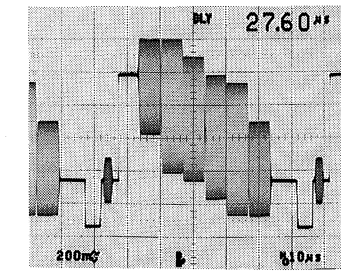


⑦ TP503 REC/EE
TP603 REC/EE

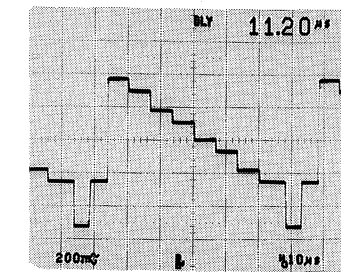


For EK

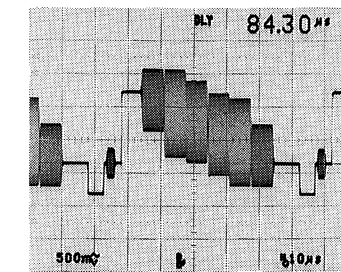
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(COMPOSITE)



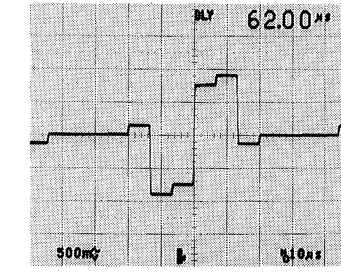
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(COMPONENT)



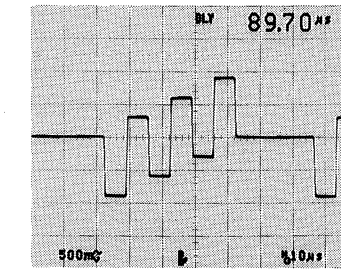
② TP201 REC/EE
(COMPOSITE)



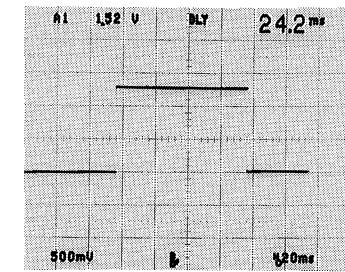
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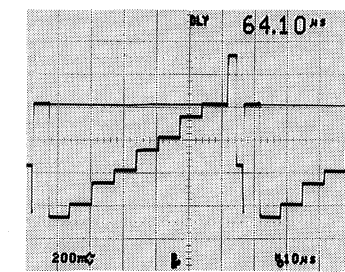
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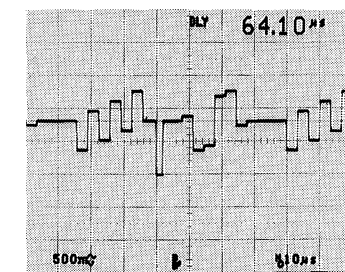
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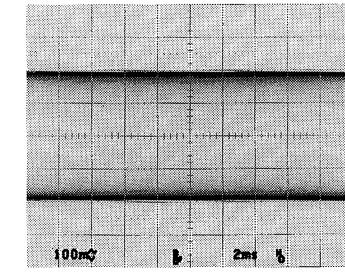
⑤ TP502 REC/EE



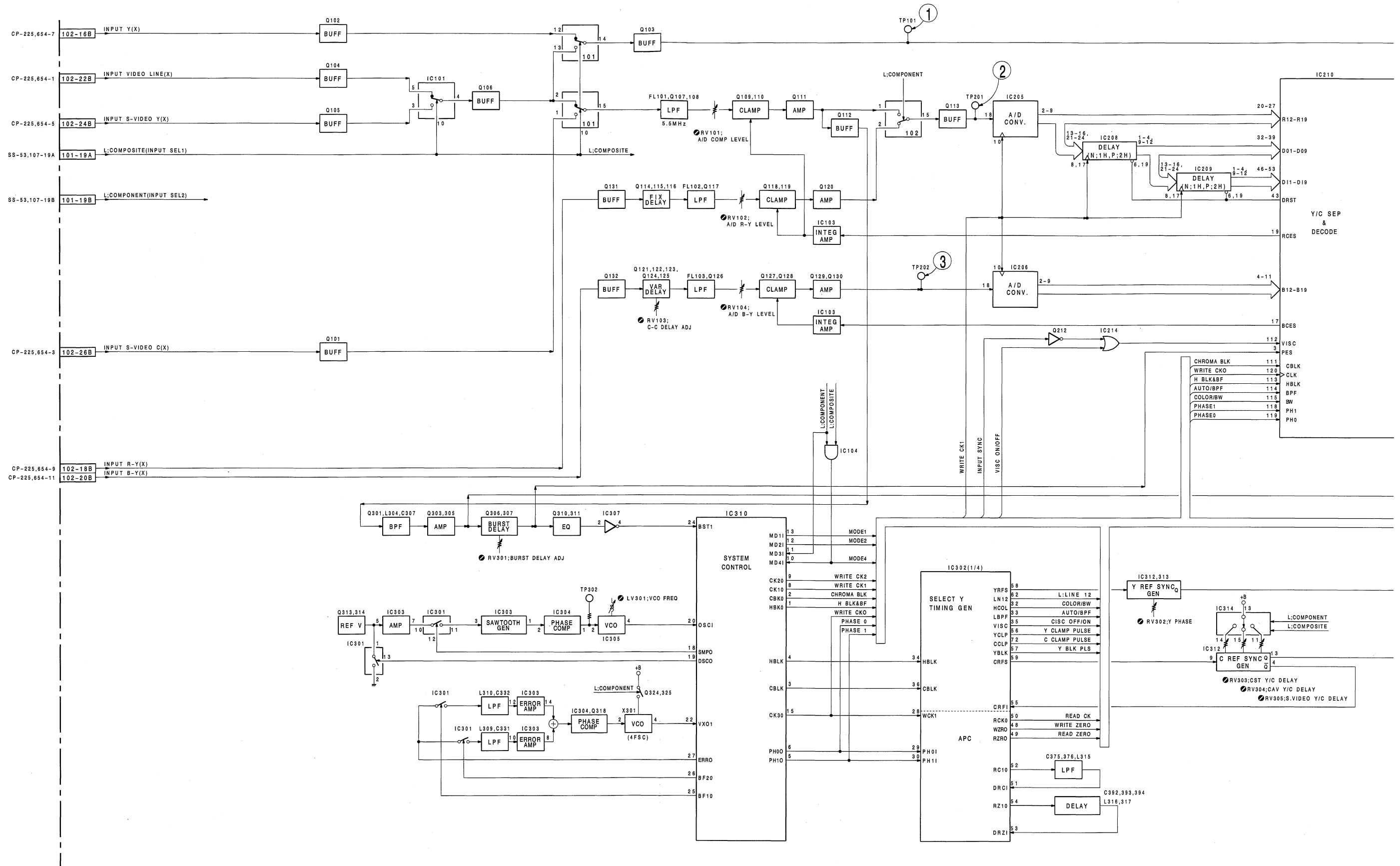
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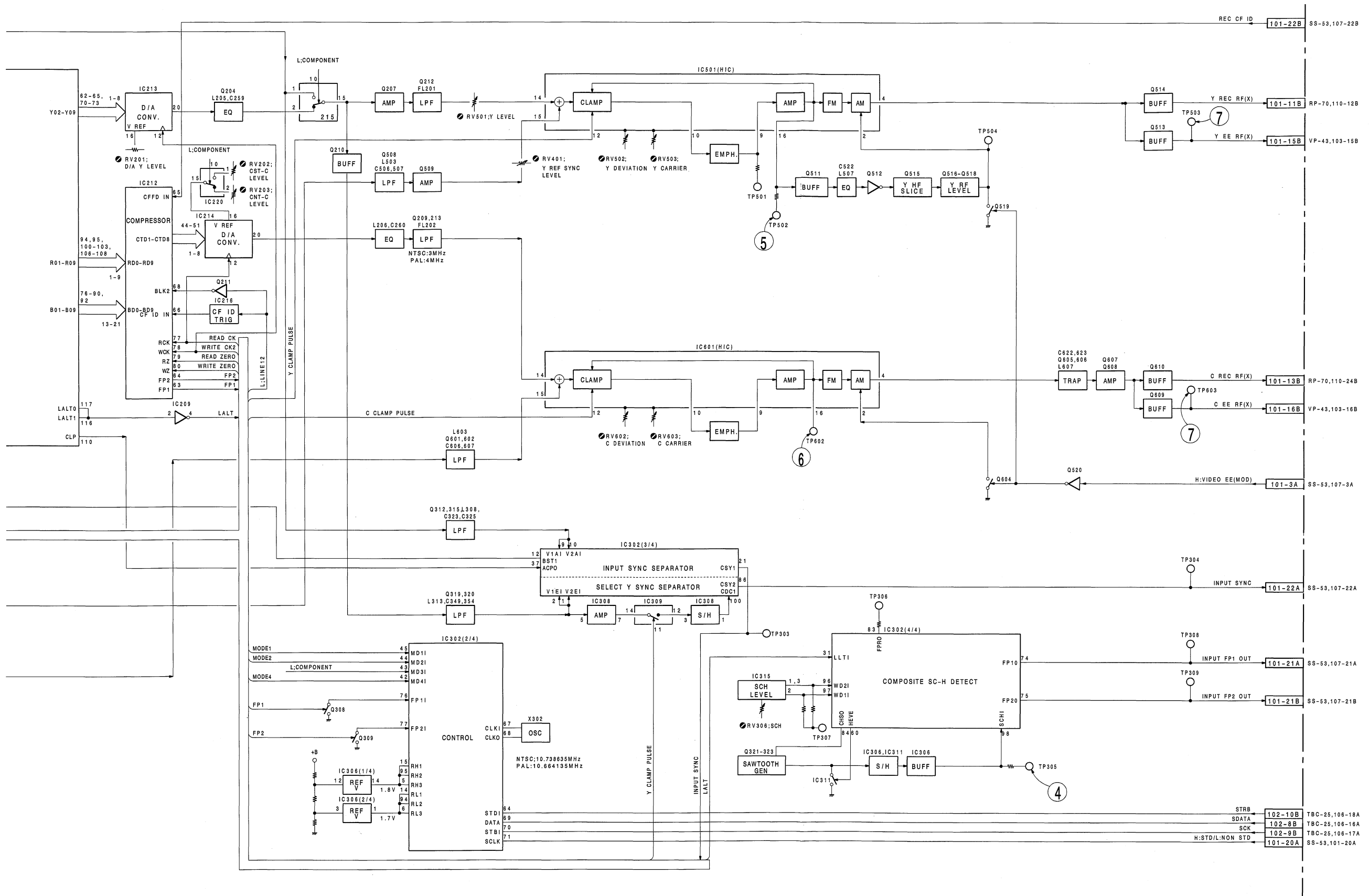


⑦ TP503 REC/EE
TP603 REC/EE

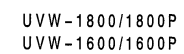


Y/C REC PROCESS(DECODE,MOD.),CTDM



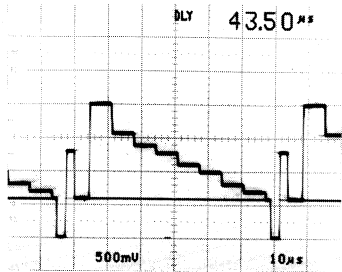


RF REC/PB AMPLIFIER,ROTARY ERASE OSCILLATOR

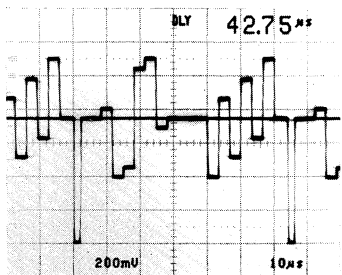


For J,UC

① TP201 PB

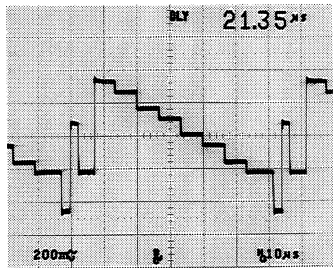


② TP401 PB

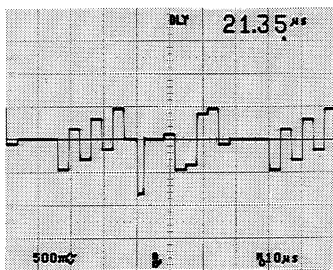


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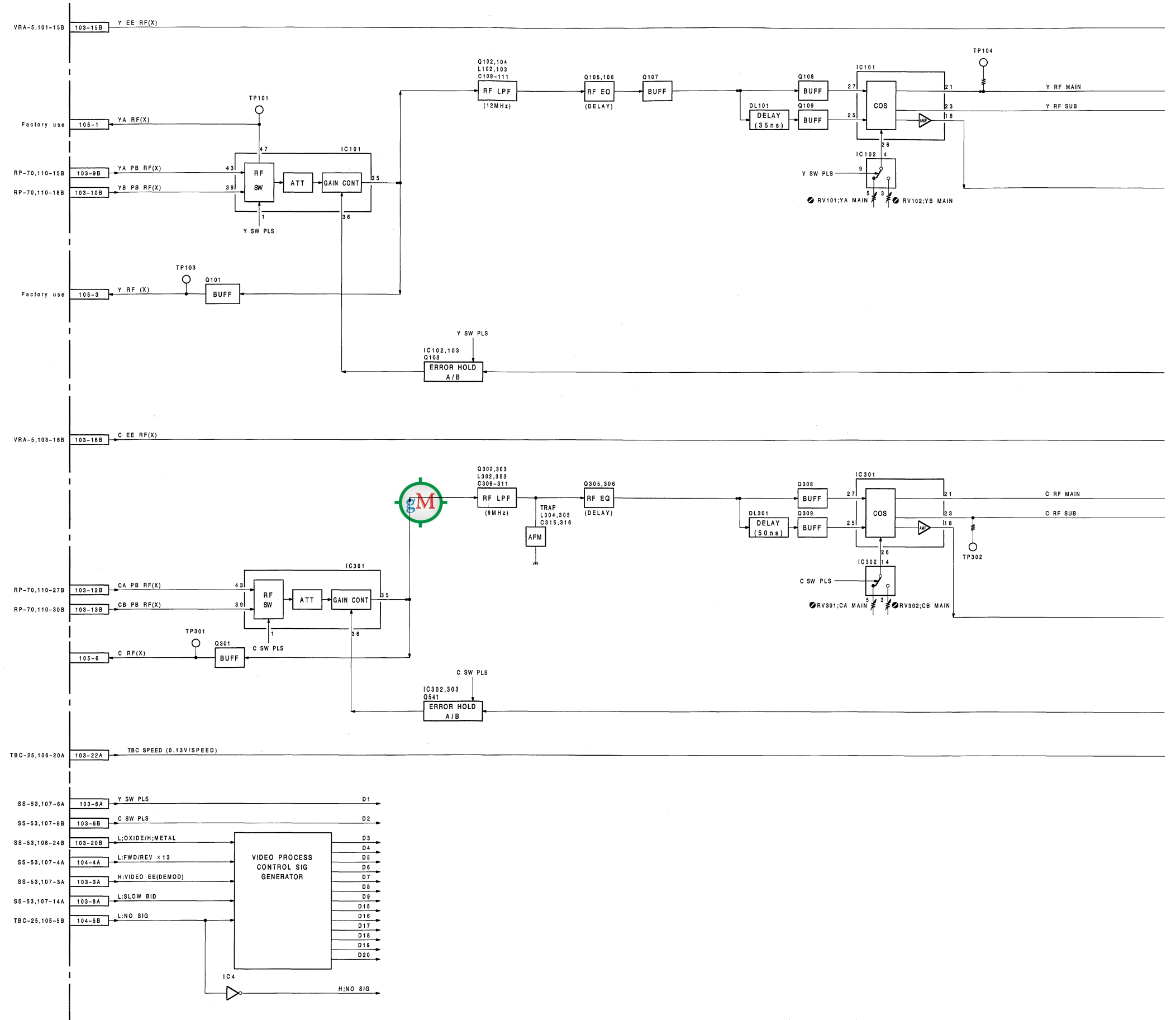
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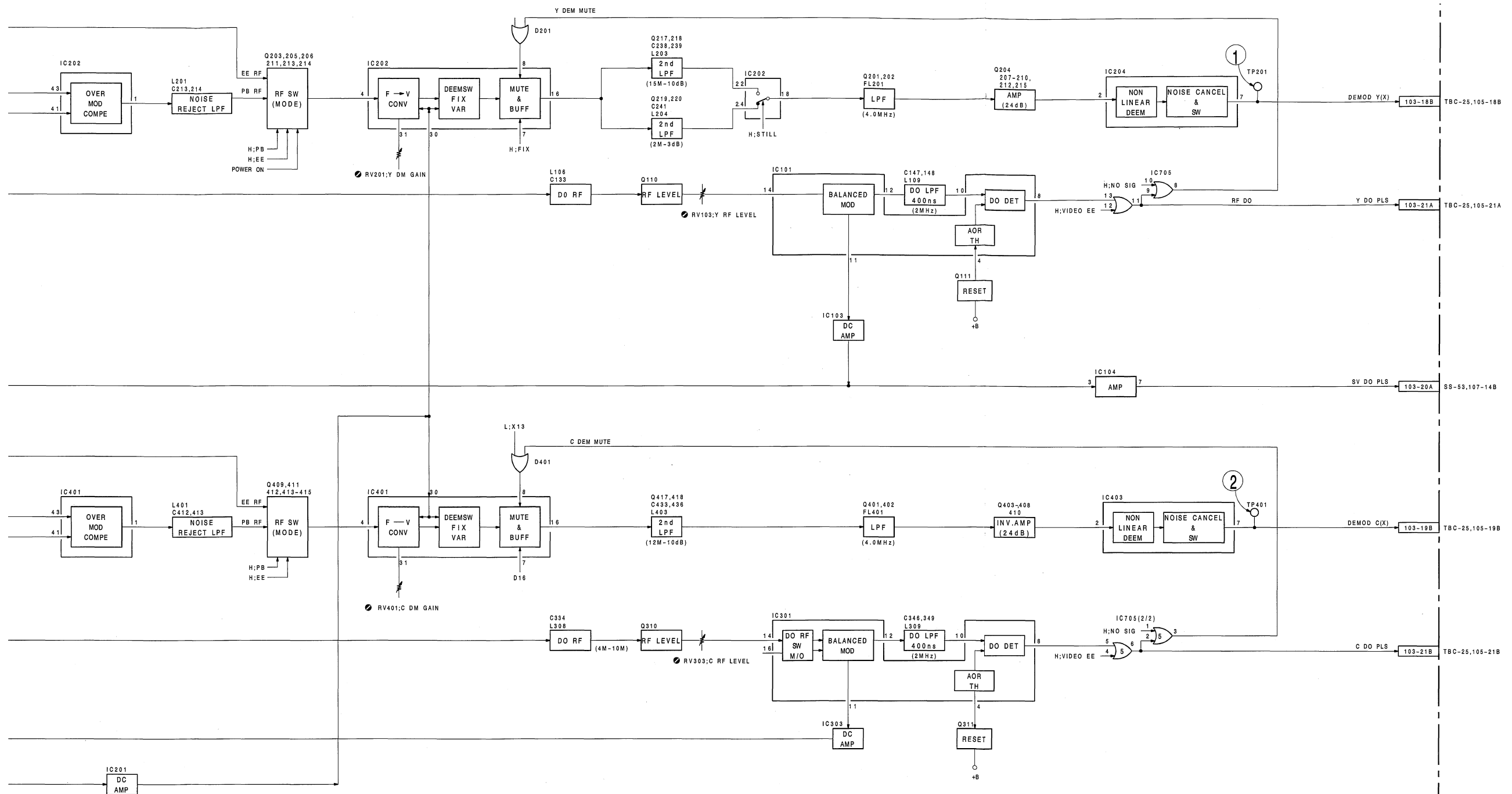


② TP401 PB



PB RF EQ, DEMODULATOR

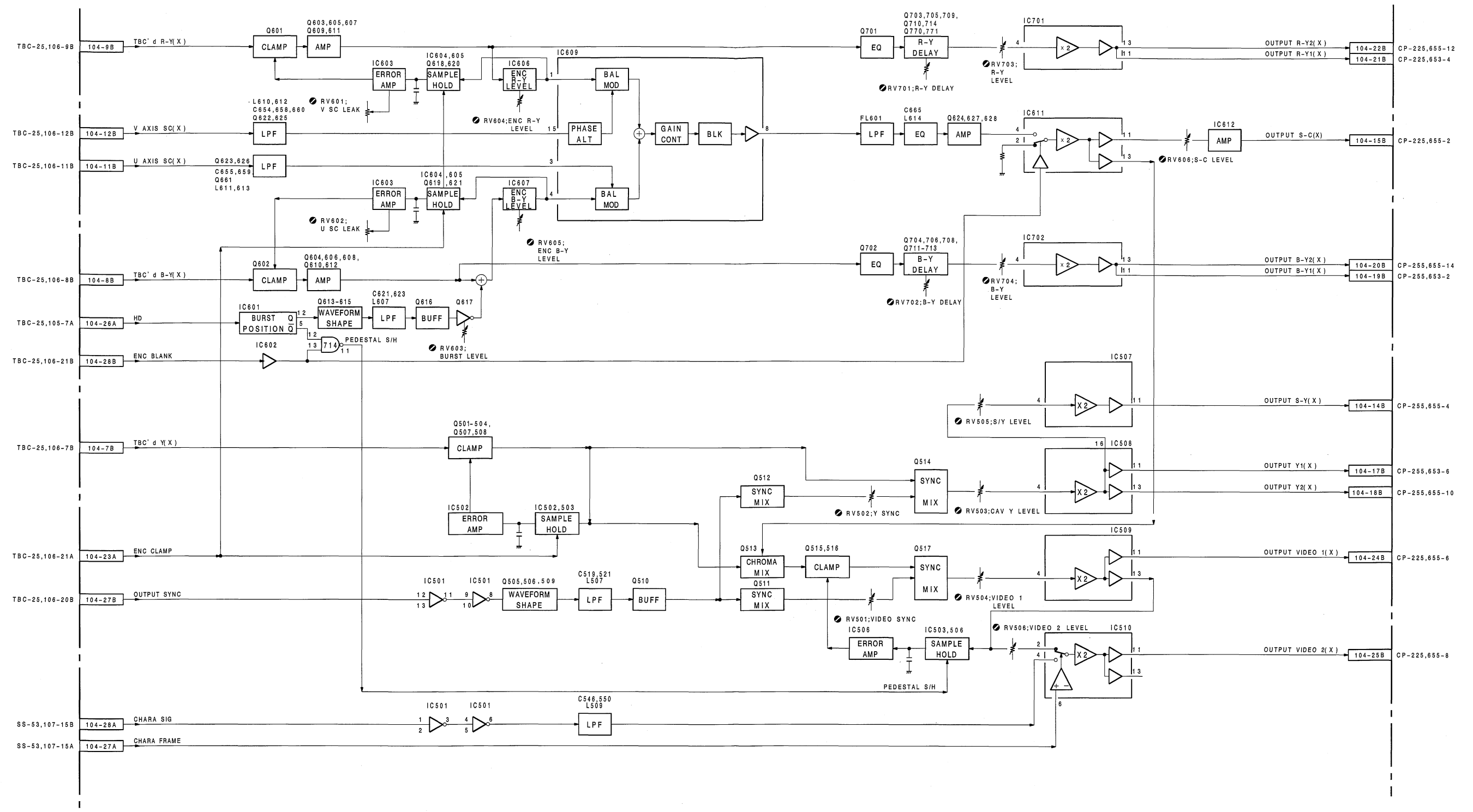




VP-43/A/P/AP(1/2)

UVW-1800/1800P
UVW-1600/1600P

ENCODE, OUTPUT DRIVER

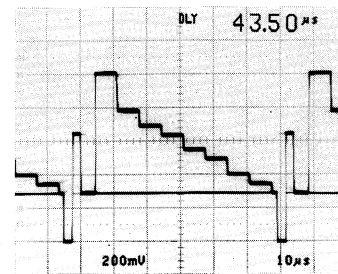


VP-43/A/P/AP(2/2)

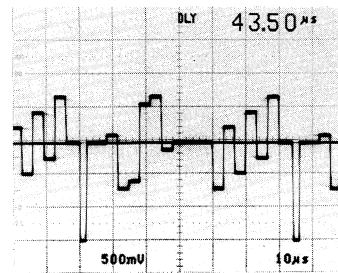
UVW-1800/1800P
UVW-1600/1600P

For J,UC

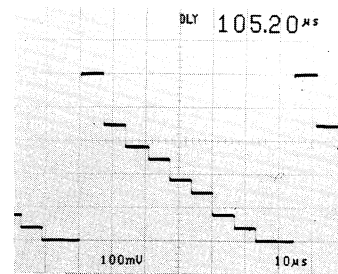
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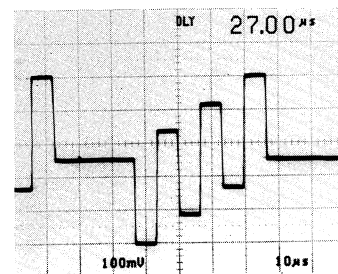
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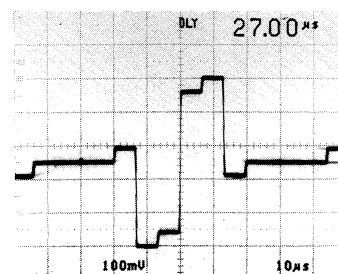
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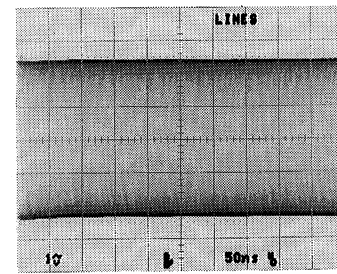
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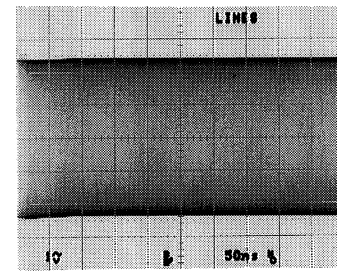
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⑥ TP303 PB

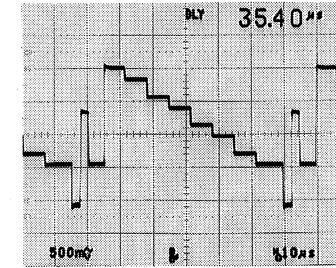


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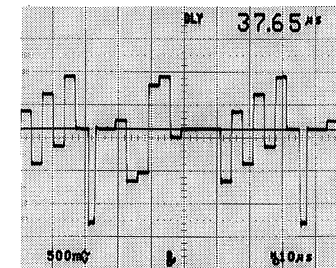


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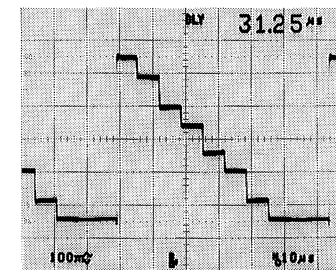
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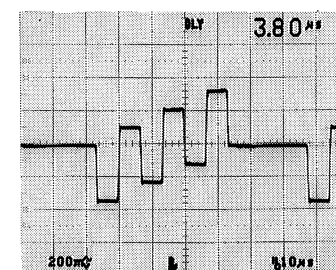
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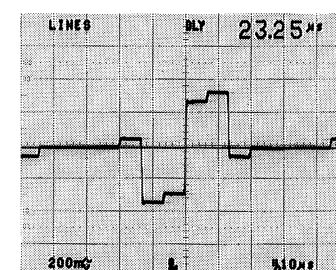
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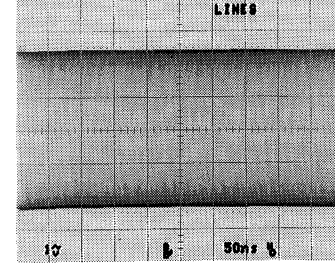
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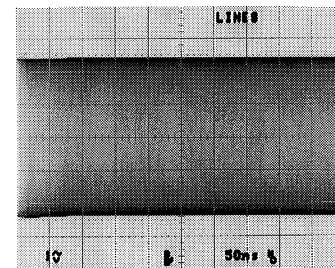
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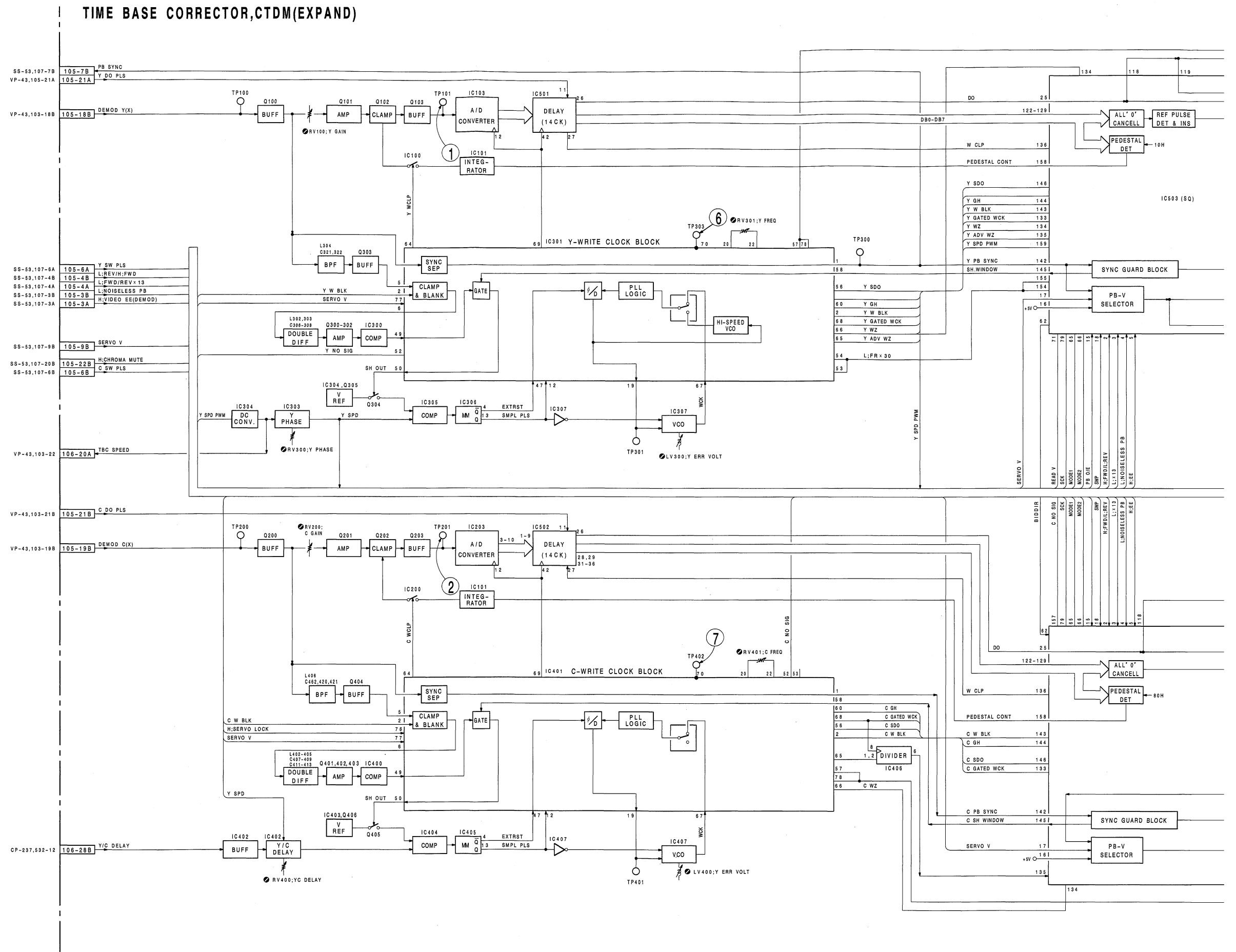


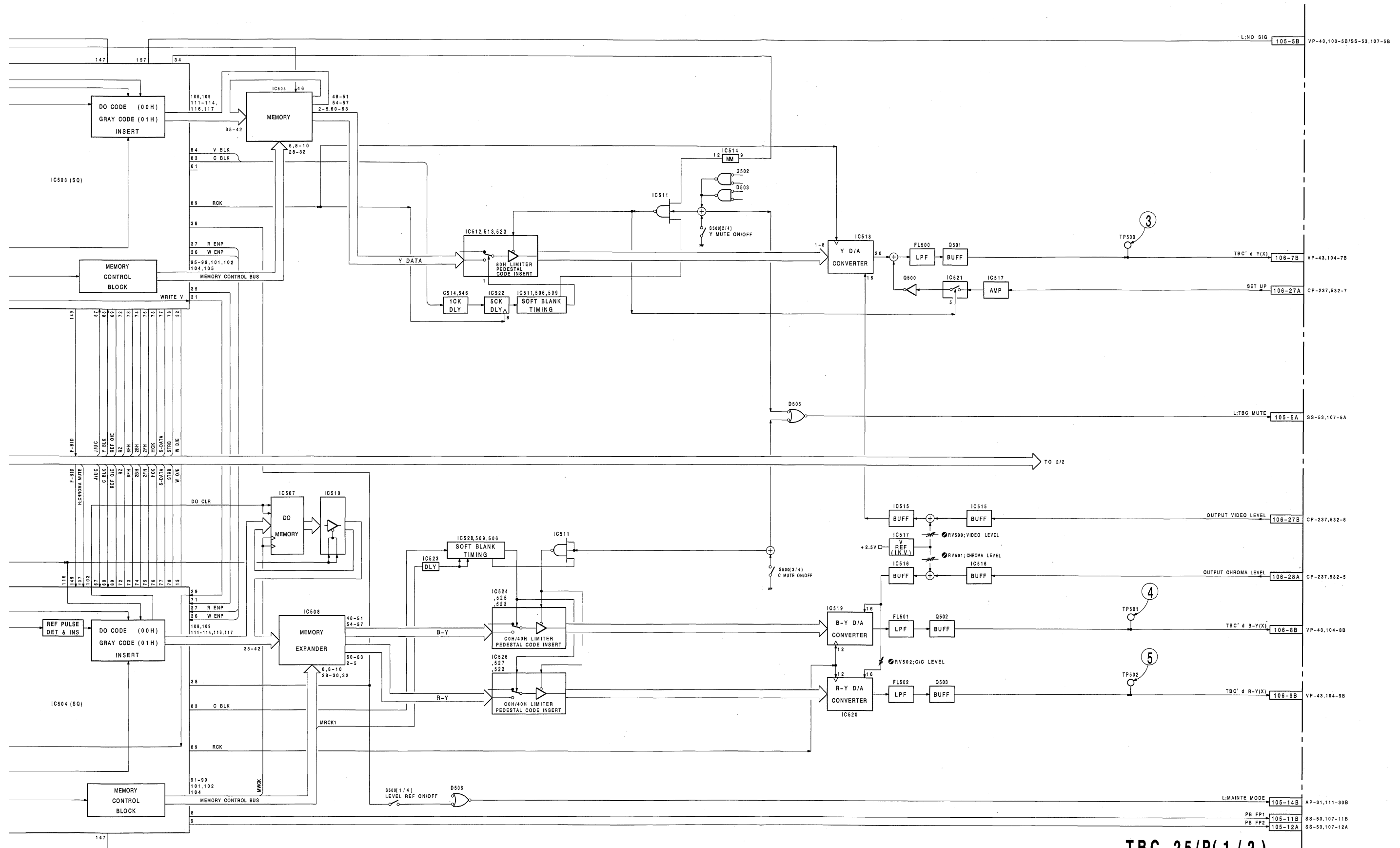
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⑦ TP402 PB



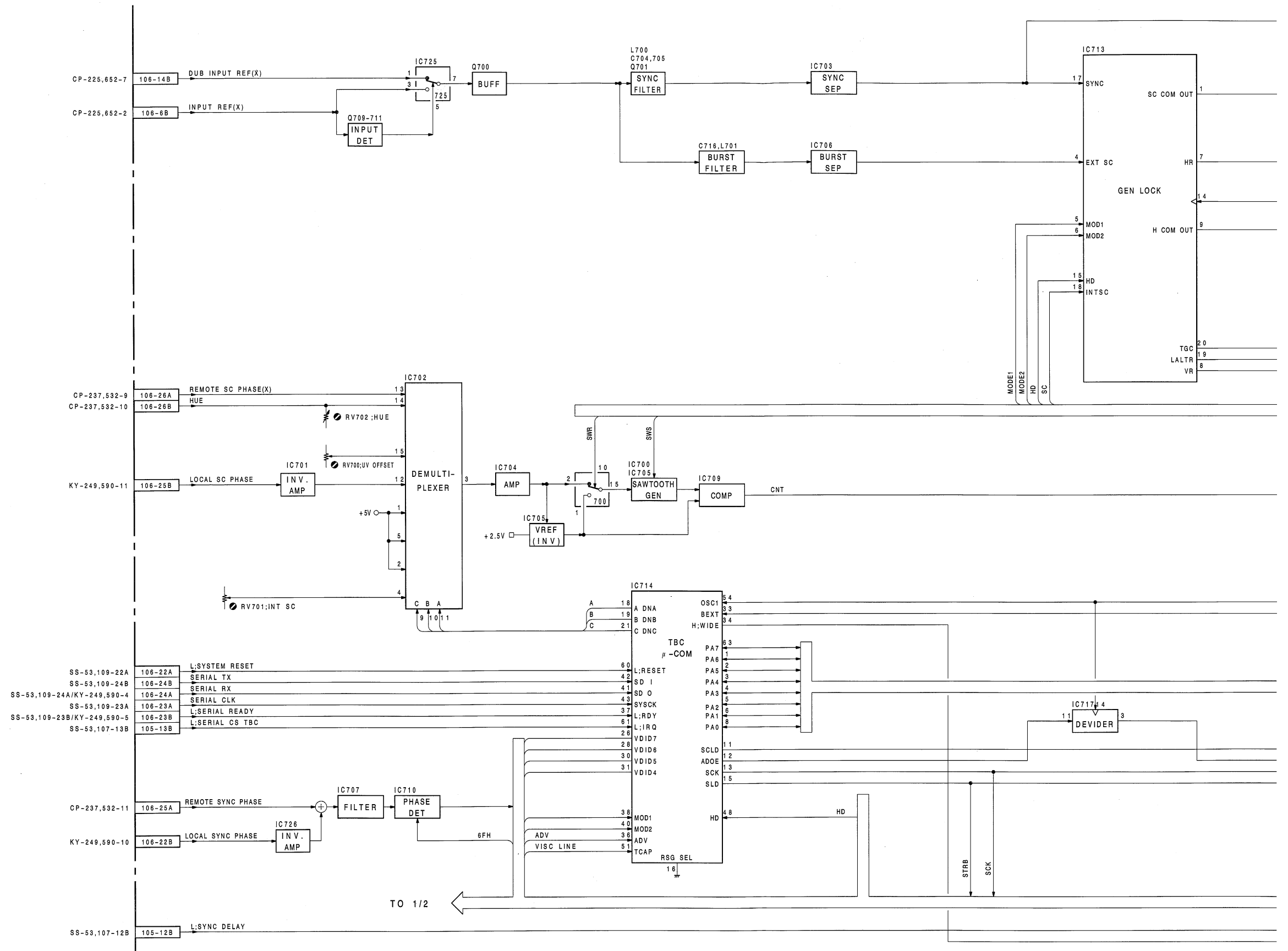


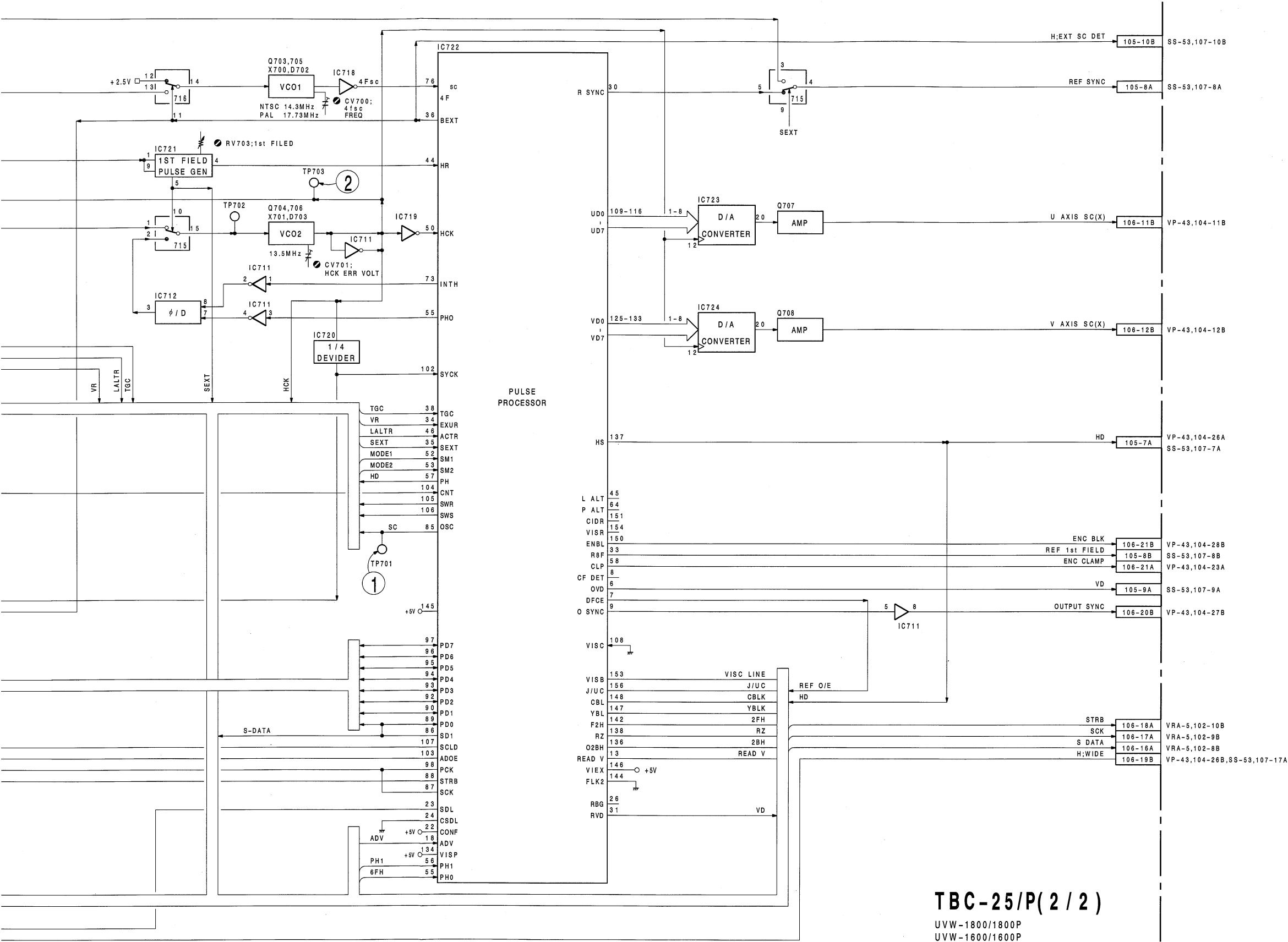


TBC-25/P(1/2)

UVW-1800/1800P
UVW-1600/1600P

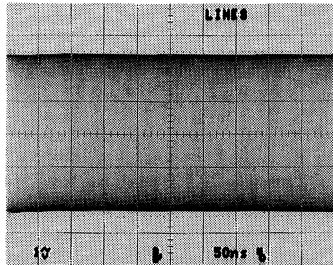
TIME BASE CORRECTOR



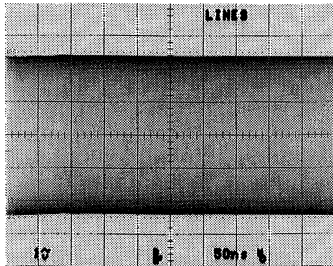


For J,UC

① TP701 PB

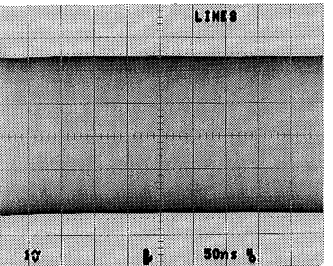


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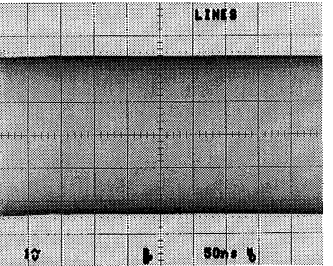


For EK

① TP701 PB

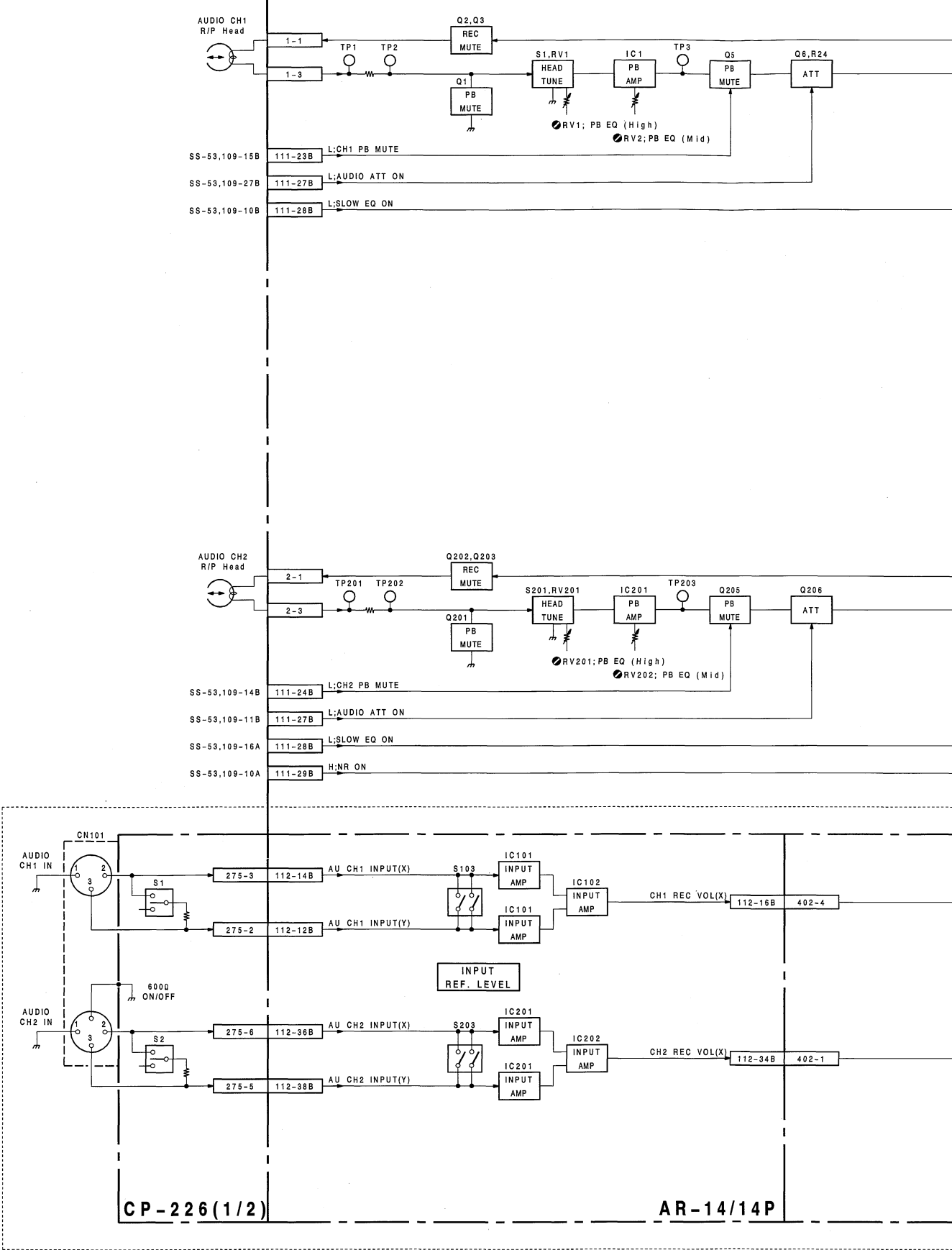


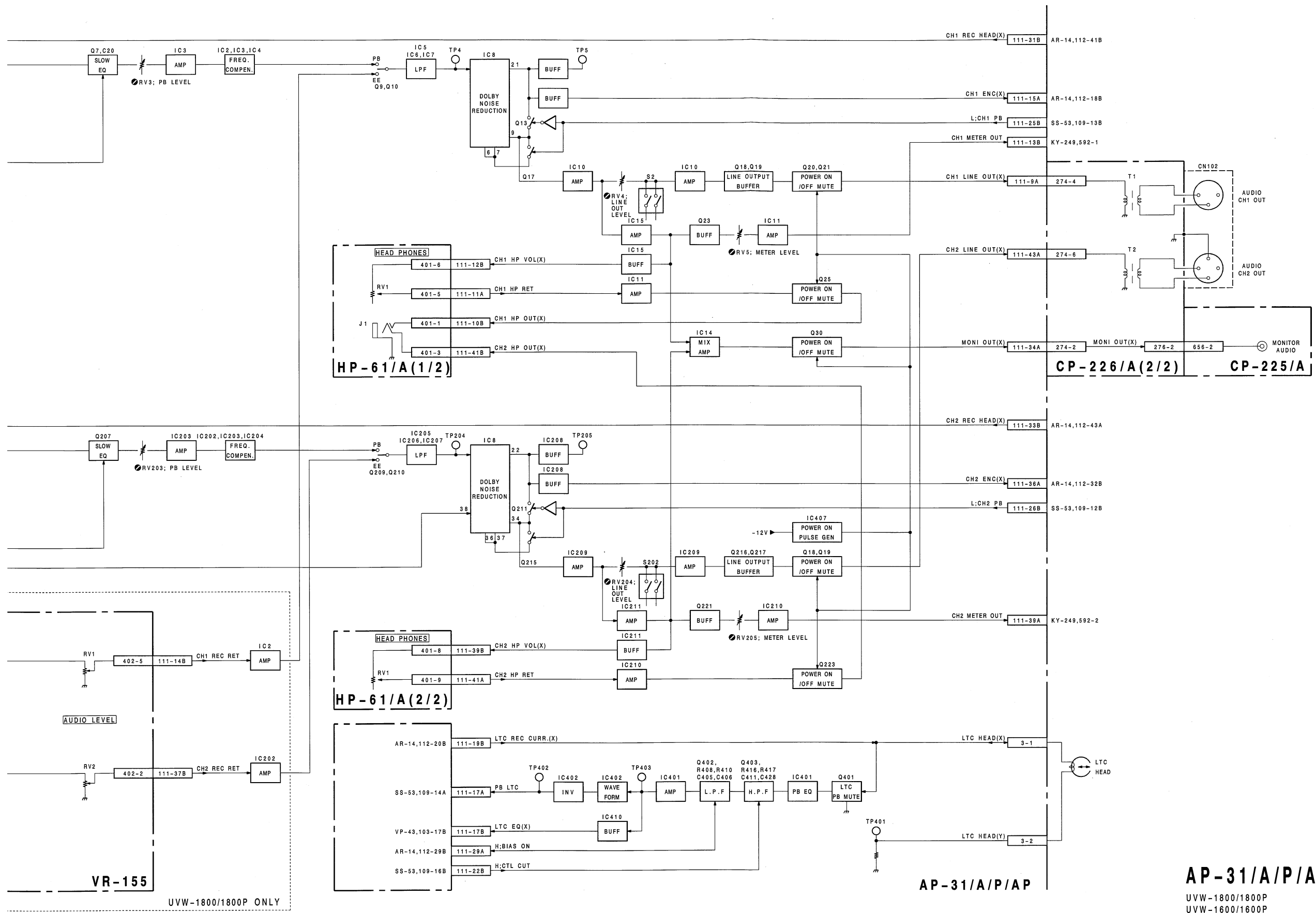
② TP703 PB



TBC-25/P(2/2)
UVW-1800/1800P
UVW-1600/1600P

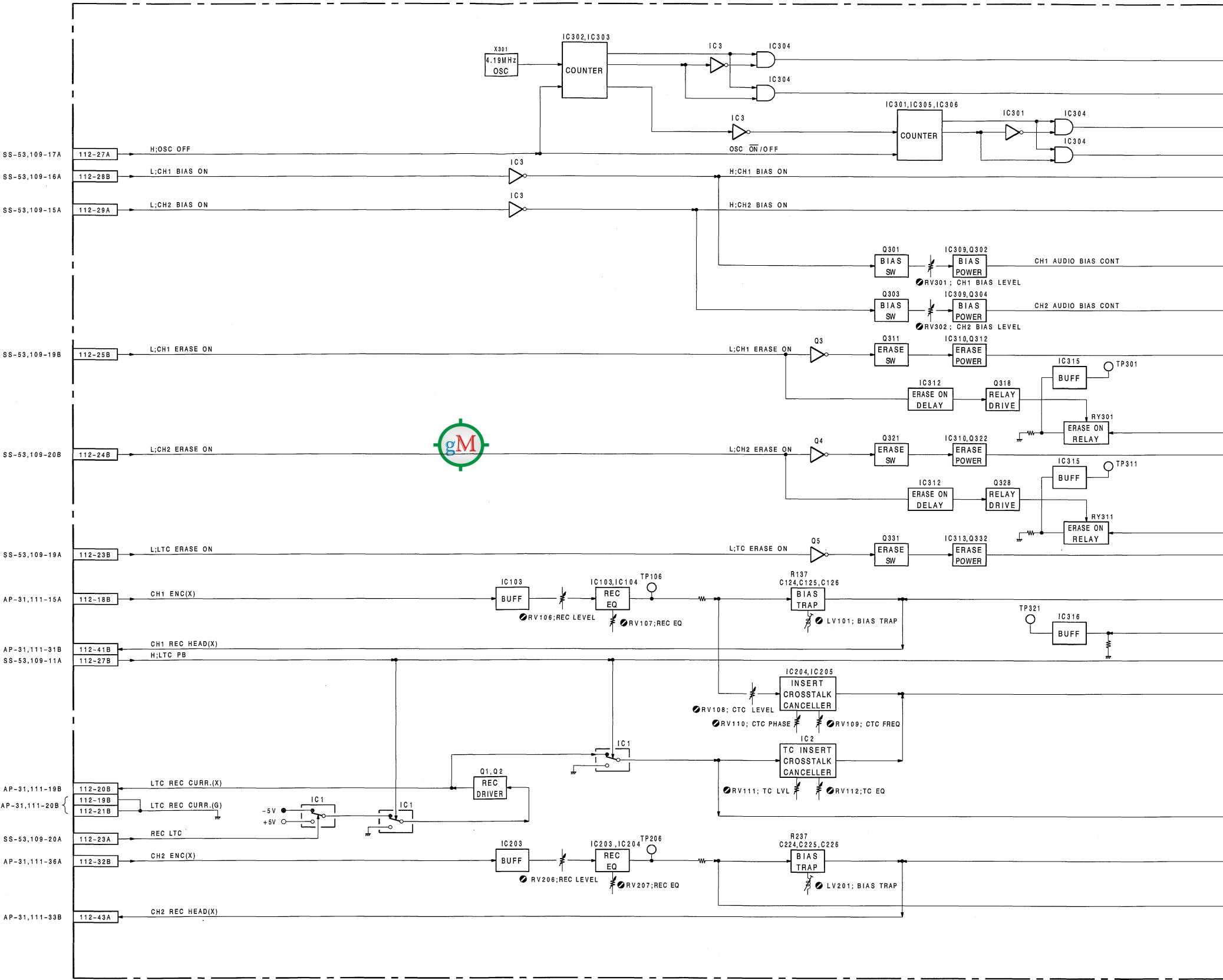
AUDIO PB,IN/OUT,LEC PB

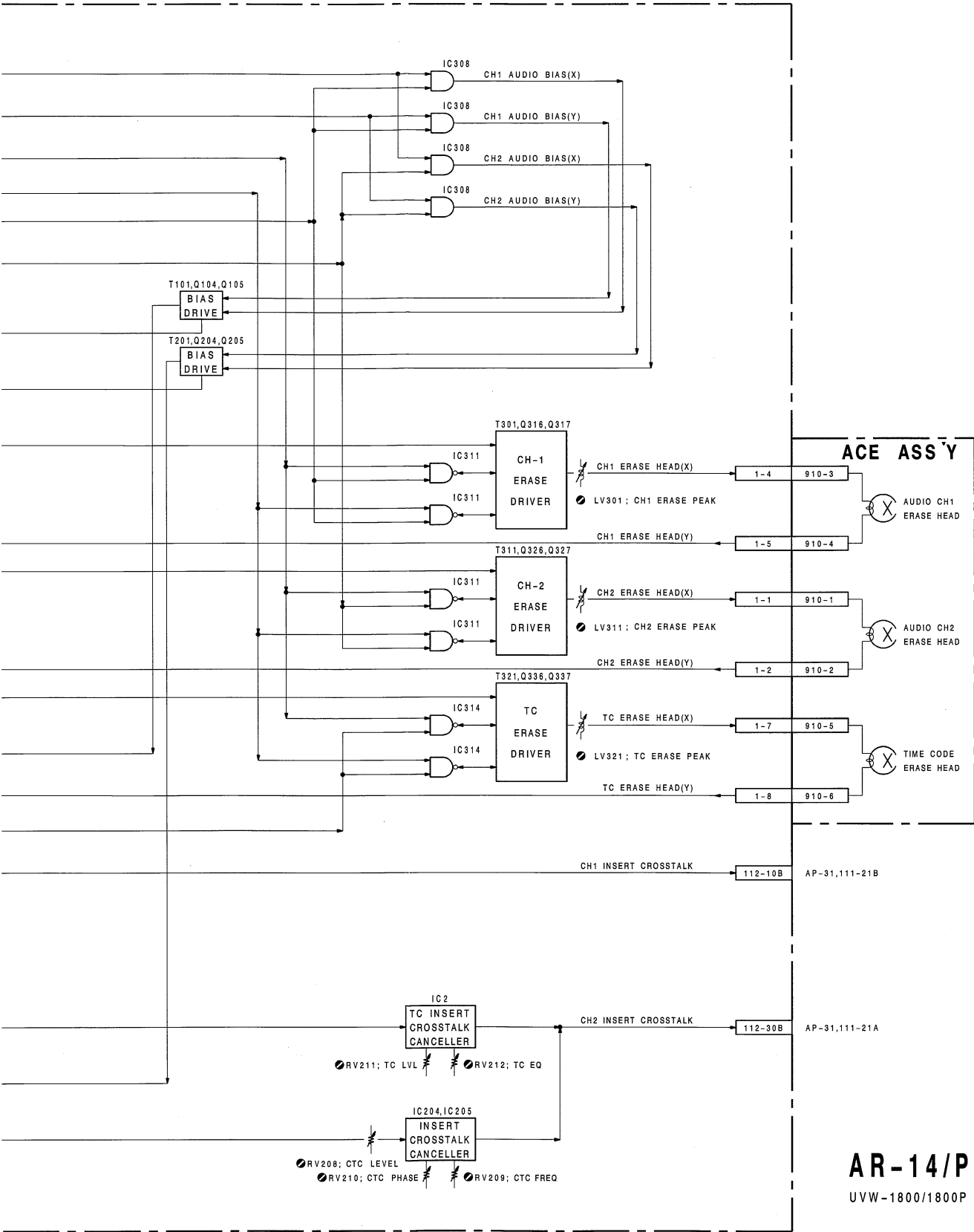




AP-31/A/P/AP
 UVW-1800/1800P
 UVW-1600/1600P

AUDIO ERASE/BIAS OSC,MODE CONTROL,LTC REC,CROSSTALK CANCEL





SYSTEM CONTROL

SYSTEM CONTROL

For J,UC

For EK

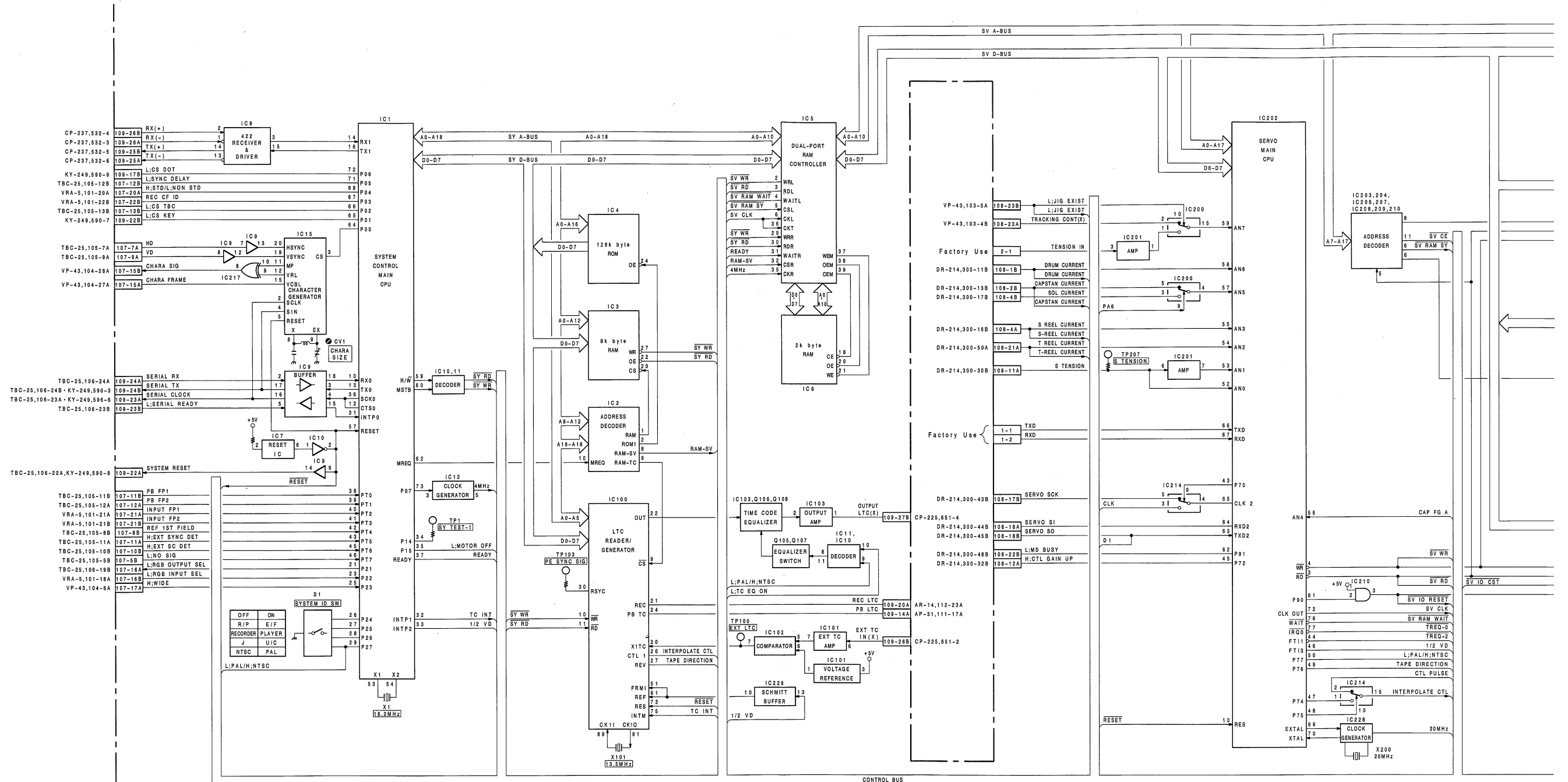
① TP219 EE/REC/PB

② TP225 PB

① TP219 EE/REC/PB

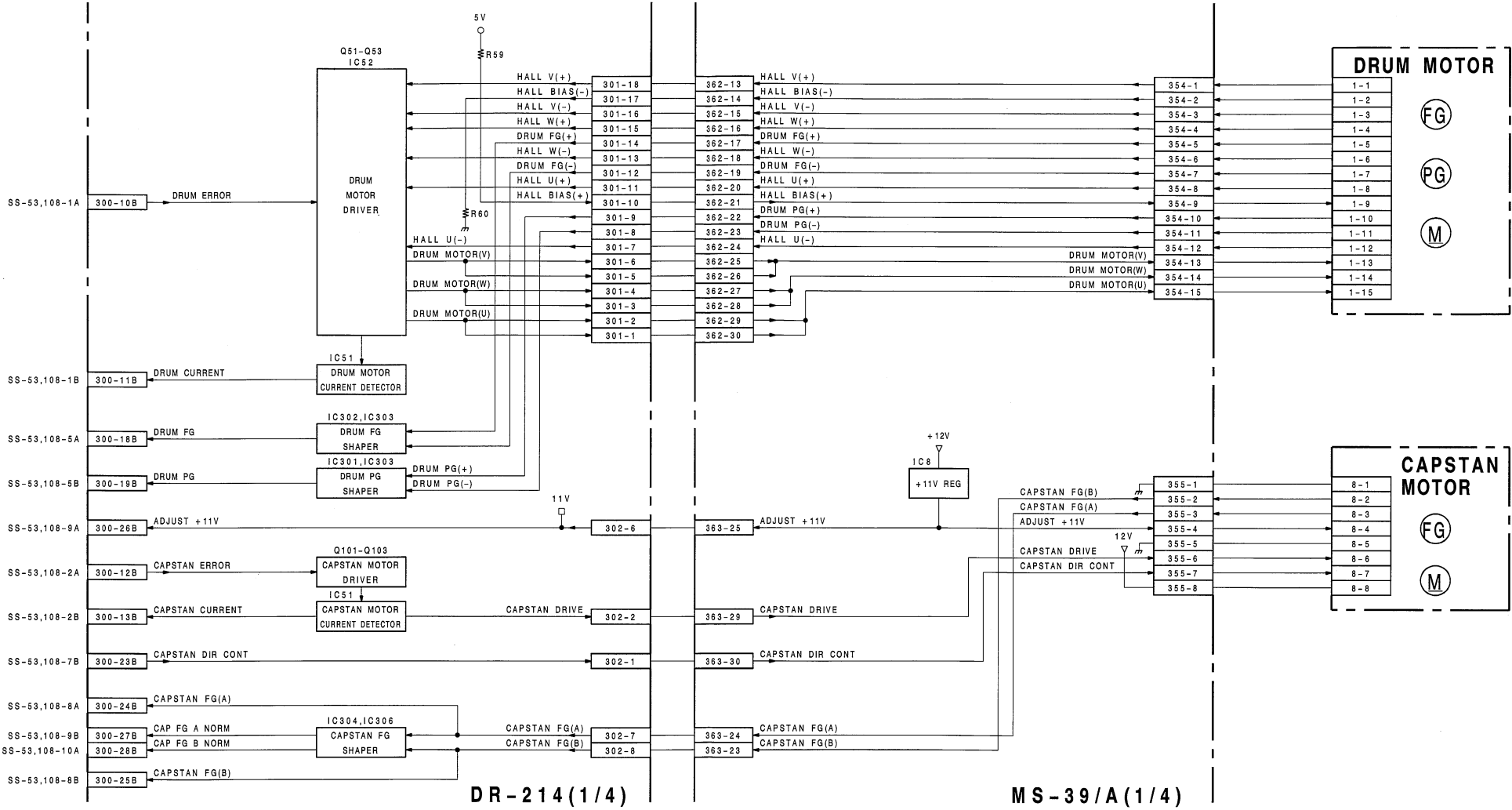
② TP225 PB

SYSTEM CONTROL BLOCK



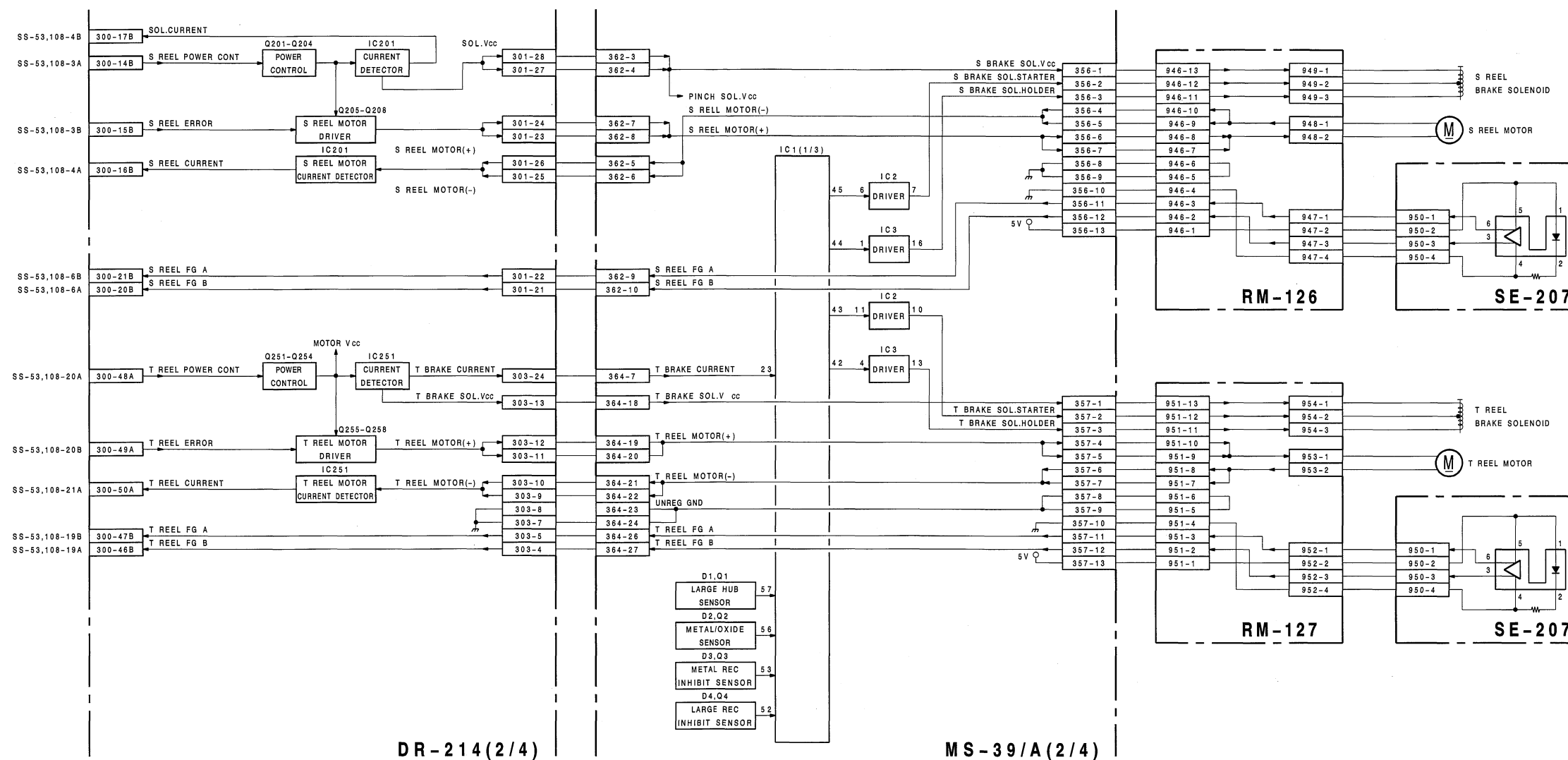
SERVO(1)

SERVO (1) SERVO (1)



DR-214
MS-39/A(1/4)

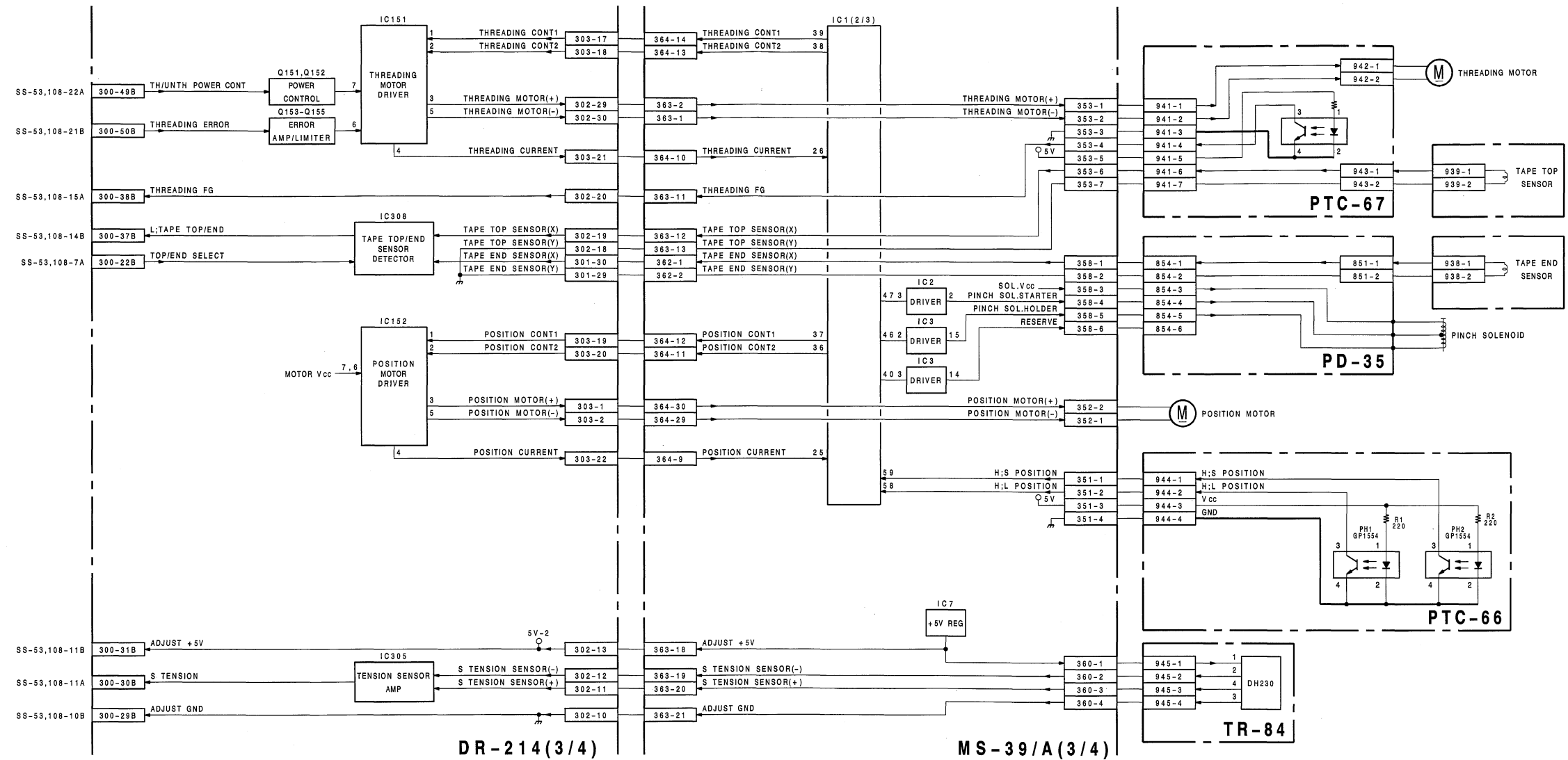
UVW-1800/1800P
UVW-1600/1600P

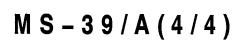


DR-214
MS-39/A (2/4)
UVW-1800/1800P
UVW-1600/1600P

SERVO(2)

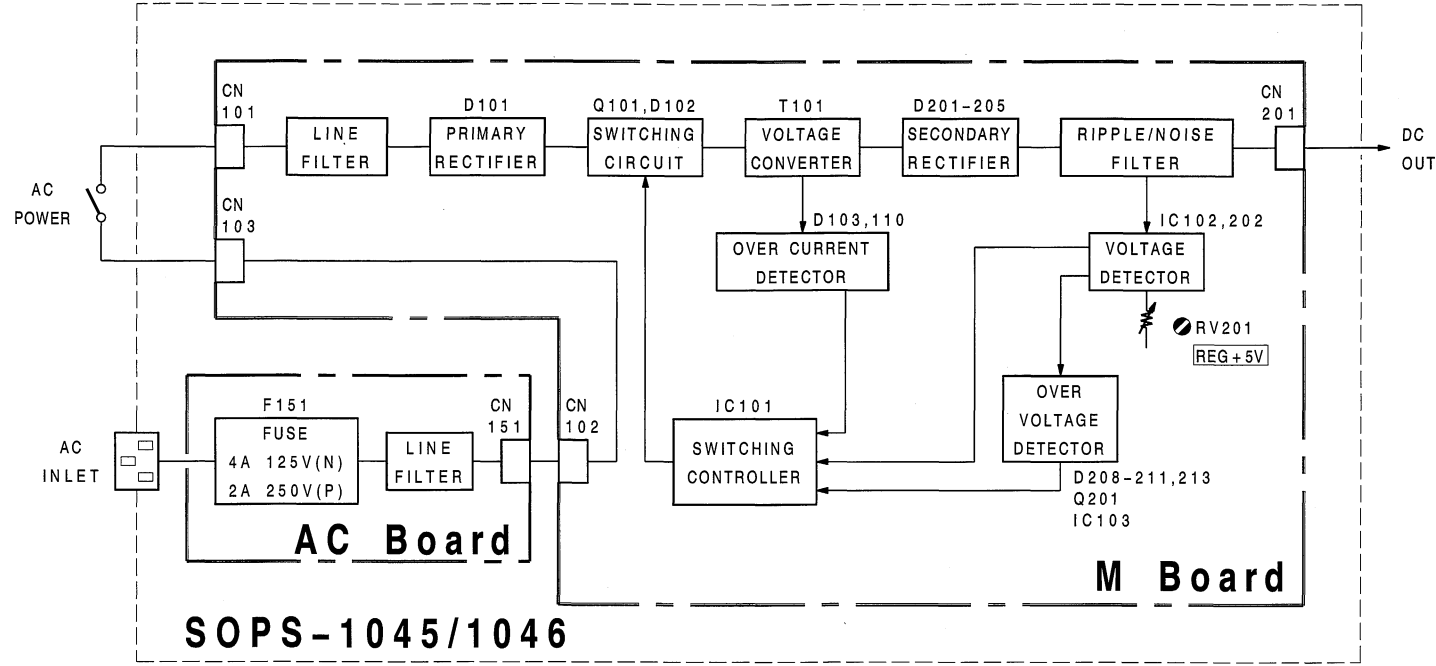
SERVO (2) SERVO (2)





UVW-1800/1800P
UVW-1600/1600P

POWER SUPPLY



SOPS-1045(1800/1600)
SOPS-1046(1800P/1600P)

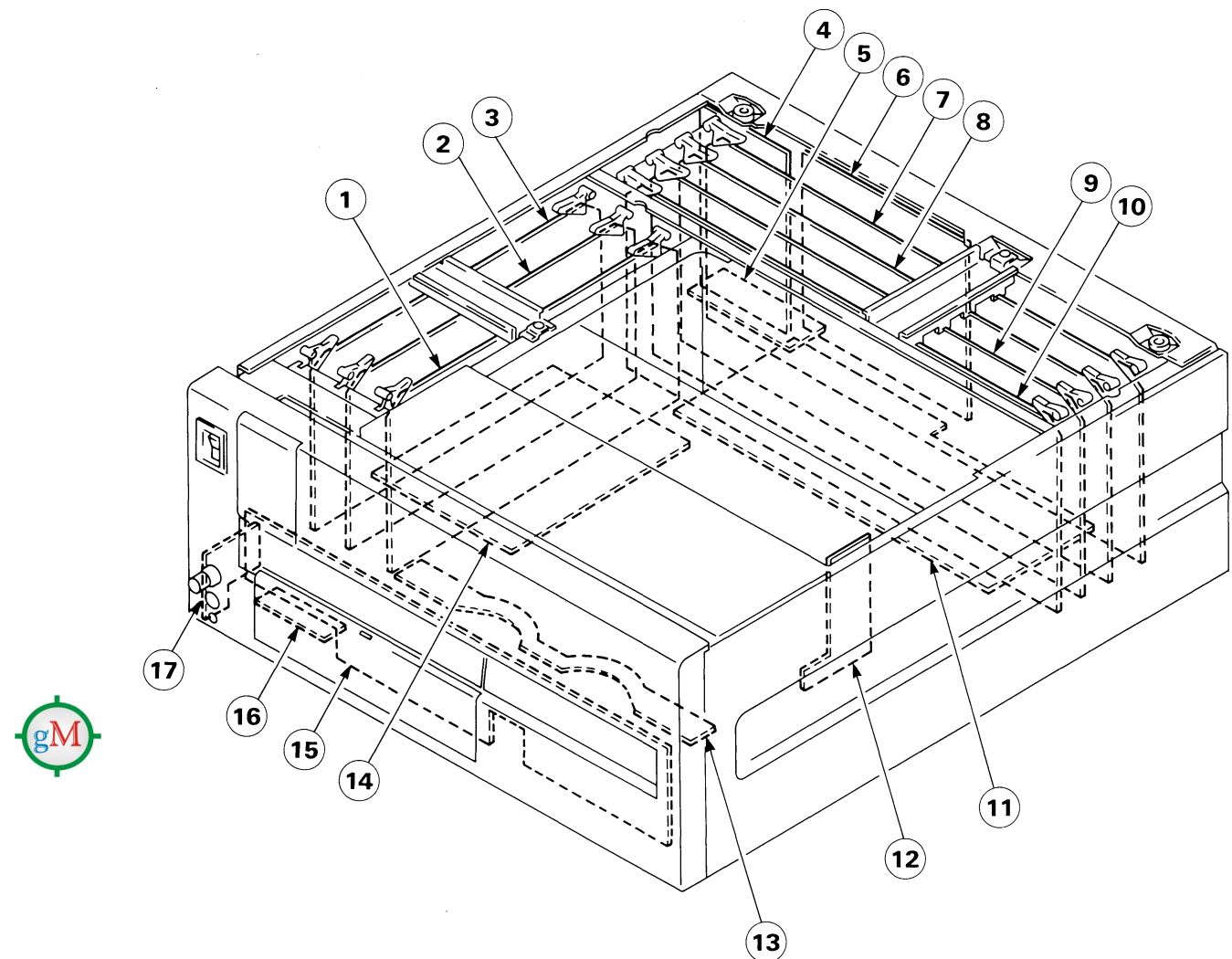
UVW-1800/1800P
UVW-1600/1600P

SECTION 15
BOARD LAYOUTS

BOARD LAYOUT INDEX

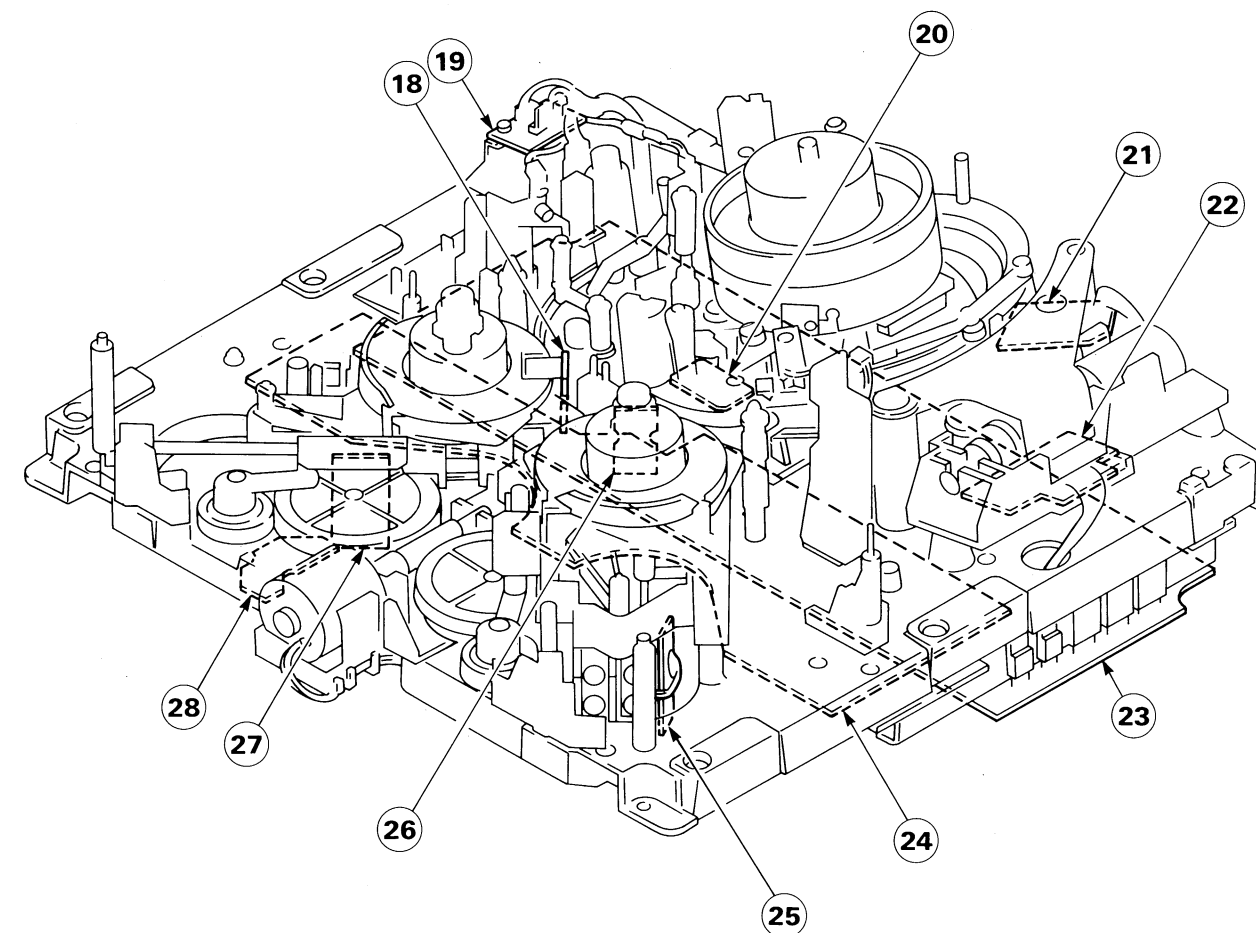
	Board	Page
A	AP-31/31P	15-4
	AP-31A/31AP	15-6
	AR-14/14P	15-8
C	CL-25	15-46
	CP-225	15-10
	CP-225A	15-12
	CP-226/226J	15-14
	CP-226A/226AJ	15-14
	CP-237	15-16
	CP-237A	15-16
D	DR-214	15-18
H	HP-61	15-46
	HP-61A	15-46
K	KY-249	15-20
	KY-249A	15-22
M	MB-470/470P	15-52
	MB-470A/470AP	15-56
	MB-471	15-60
	MB-471A	15-62
	MS-39/39A	15-24
P	PC-62	15-46
	PD-35	15-46
	PTC-66	15-48
	PTC-67	15-48
	PTC-68	15-48
R	RM-126	15-48
	RM-127	15-48
	RP-70/70P	15-26
	RP-70A/70AP	15-28
S	SE-207	15-48
	SOPS-1045/1046	15-50
	SS-53	15-30
T	TBC-25/25P	15-34
	TR-84	15-48
V	VP-43/43A/43P/43AP	15-38
	VR-155	15-48
	VRA-5/5P	15-42

CIRCUIT FUNCTION



- | | |
|--|--|
| ① RP-70/P BOARD(UVW-1800/P)
RP-70A/AP BOARD(UVW-1600/P) | ; RF REC/PB AMP.,ROTARY ERASE OSC.,FULL ERASE OSC.
; RF PB AMP. |
| ② AP-31/P BOARD(UVW-1800/P)
AP-31 A/AP BOARD(UVW-1600/P) | ; AUDIO/TC PB AMP.,METER DRIVER
; AUDIO/TC PB AMP.,METER DRIVER |
| ③ AR-14/P BOARD(UVW-1800/P) | ; AUDIO/TC REC AMP.,AUDIO/TC ERASE OSC.,AUDIO BIAS DRIVER |
| ④ CP-226 BOARD(UVW-1800/P : FOR UC, EK)
CP-226J BOARD(UVW-1800 : FOR J)
CP-226A BOARD(UVW-1600/P : FOR UC, EK)
CP-226AJ BOARD(UVW-1600 : FOR J) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER
; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER
; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER
; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| ⑤ CP-237 BOARD(UVW-1800/P)
CP-237A BOARD(UVW-1600/P) | ; TBC/9P REMOTE CONNECTOR
; TBC/9P REMOTE CONNECTOR |
| ⑥ CP-225 BOARD(UVW-1800/P)
CP-225A BOARD(UVW-1600/P) | ; VIDEO INPUT/OUTPUT CONNECTOR
; VIDEO OUTPUT CONNECTOR |
| ⑦ VRA-5/P BOARD(UVW-1800/P) | ; Y/C REC PROCESS(DECODE,MOD),CTDM(COMPAND) |

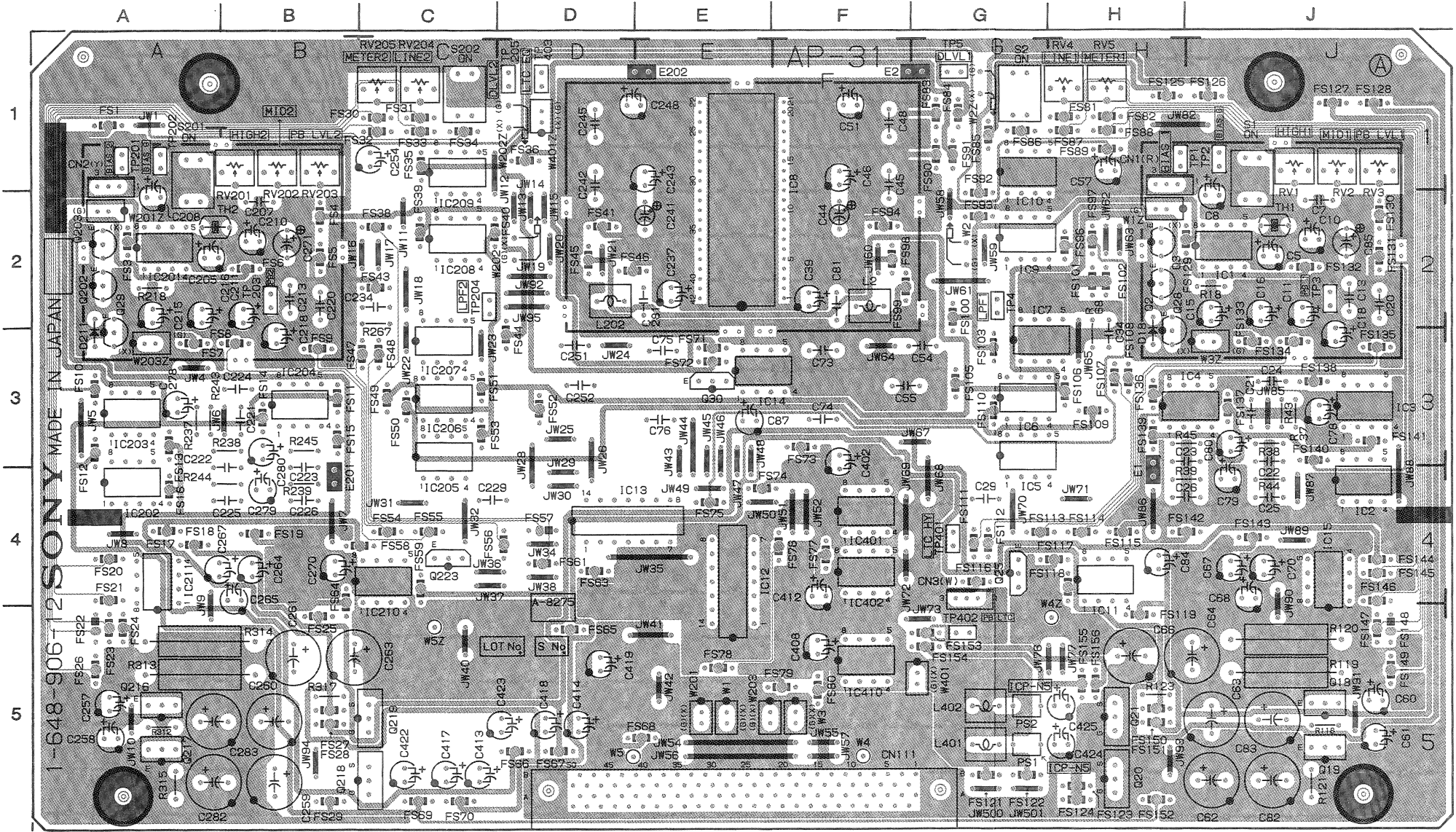
- | | |
|--------------------------------------|--|
| ⑧ VP-43/P BOARD(UVW-1800/P) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| VP-43A/AP BOARD(UVW-1600/P) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| ⑨ TBC-25/P BOARD | ; TIME BASE CORRECTOR, CTDM(EXPAND) |
| ⑩ SS-53 BOARD | ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR |
| ⑪ MB-470/P BOARD(UVW-1800/P) | ; MOTHER BOARD |
| MB-470A/AP BOARD(UVW-1600/P) | ; MOTHER BOARD |
| ⑫ CL-25 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE LOADING BEGIN/NEAR-END SENSOR |
| ⑬ PC-62 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE IN/LARGE CASSETTE SENSOR |
| ⑭ MB-471 BOARD(UVW-1800/P) | ; MOTHER BOARD |
| MB-471A BOARD(UVW-1600/P) | ; MOTHER BOARD |
| ⑮ KY-249 BOARD(UVW-1800/P) | ; FUNCTION KEY |
| KY-249A BOARD(UVW-1600/P) | ; FUNCTION KEY |
| ⑯ VR-155 BOARD (UVW-1800/P) | ; AUDIO REC LEVEL |
| ⑰ HP-61 BOARD(UVW-1800/P) | ; HEADPHONES JACK/VOLUME CONTROL |
| HP-61A BOARD(UVW-1600/P) | ; HEADPHONES JACK/VOLUME CONTROL |



- | | |
|---------------------------|--|
| ⑱ SE-207 BOARD(S SIDE) | ; REEL FG |
| ⑲ PD-35 BOARD | ; PINCH SOLENOID |
| ⑳ TR-84 BOARD | ; S-TENSION SENSOR |
| ㉑ PTC-68 BOARD | ; THREAD END/UNTHREAD END SENSOR |
| ㉒ PTC-67 BOARD | ; THREADING FG/MOTOR |
| ㉓ DR-214 BOARD | ; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL, REC/PB AMP. |
| ㉔ MS-39 BOARD(UVW-1800/P) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| MS-39A BOARD(UVW-1600/P) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| ㉕ RM-127 BOARD | ; T-REEL MOTOR |
| ㉖ SE-207 BOARD(T SIDE) | ; REEL FG |
| ㉗ RM-126 BOARD | ; S-REEL MOTOR |
| ㉘ PTC-66 BOARD | ; REEL POSITION SENSOR |

AP-31/31P ; AUDIO/TC PB AMP., METER DRIVER

AP-31 (1-648-906-12)



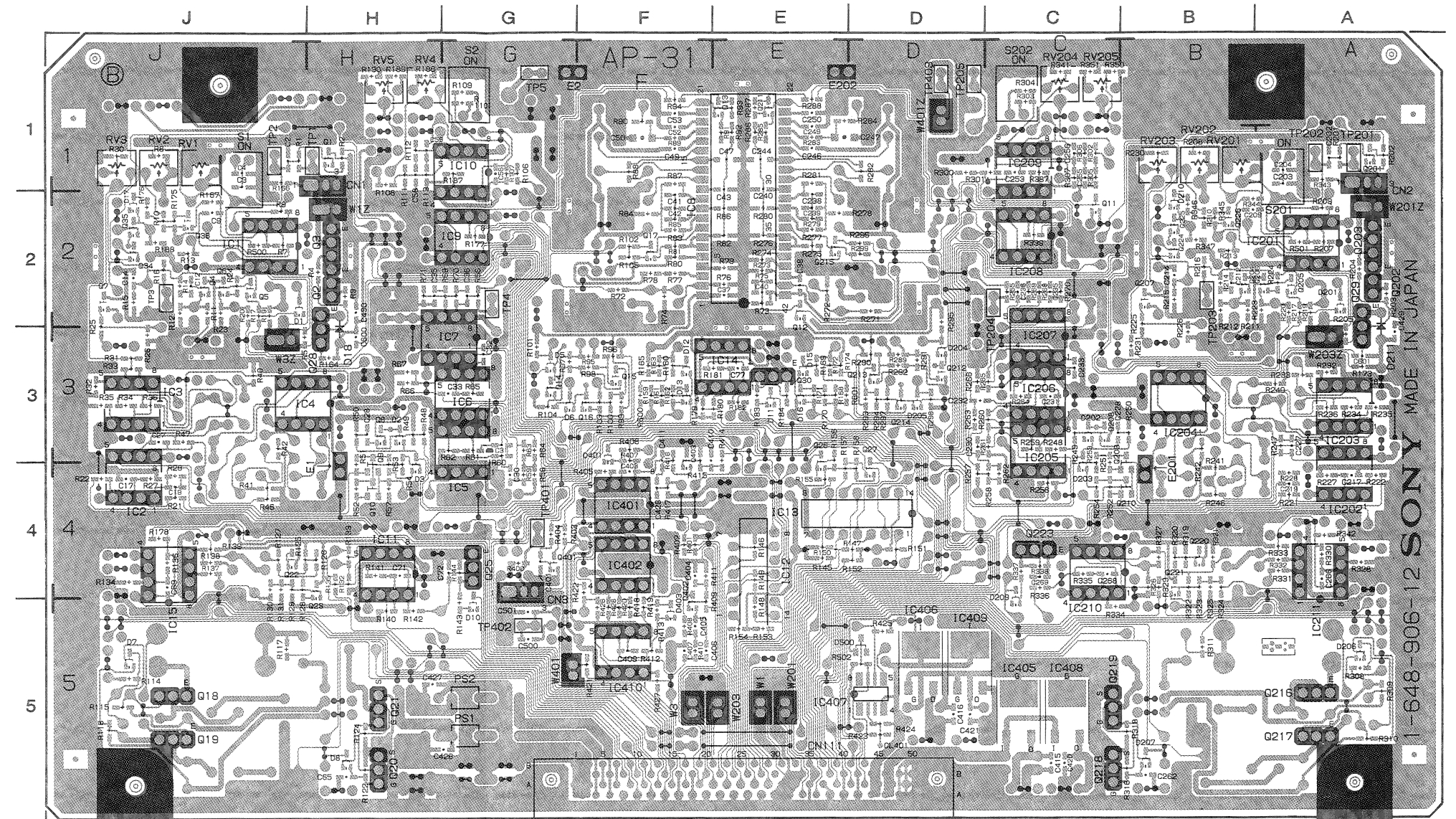
AP-31 1-648-906-12 A SIDE

UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK); Serial No. 14141 and higher

CN1	H-1	FS40	C-2
CN2	A-1	FS41	D-2
CN3	G-4	FS43	C-2
CN111	E-5	FS44	P D-2
		FS44	N D-3
*D1	J-2	FS45	D-2
*D2	H-3	FS46	D-2
*D3	H-4	FS47	C-3
*D5	G-3	FS48	C-3
*D6	G-3	FS49	C-3
*D7	J-5	FS50	C-3
*D8	H-5	FS51	C-3
*D10	G-5	FS52	D-3
*D11	E-3	FS53	C-3
*D12	F-3	FS54	C-4
*D13	F-3	FS55	C-4
*D15	E-3	FS56	D-4
*D16	E-3	FS57	D-4
*D17	J-2	FS58	C-4
*D18	H-3	FS59	C-4
*D201	A-2	FS61	D-4
*D202	C-3	FS63	D-4
*D203	C-4	FS64	B-4
*D204	D-3	FS65	D-5
*D205	D-3	FS66	D-5
*D206	A-5	FS67	D-5
*D207	B-5	FS68	E-5
*D209	C-4	FS69	C-5
*D210	B-2	FS70	C-5
*D211	A-3	FS71	E-3
*D401	F-3	FS72	E-3
*D403	F-5	FS73	F-3
*D500	D-5	FS74	E-4
		FS75	E-4
E1	H-4	FS76	F-4
E2	G-1	FS77	F-4
E201	B-4	FS78	E-5
E202	E-1	FS79	F-5
		FS80	F-5
FS1	A-1	FS81	H-1
FS3	A-2	FS82	H-1
FS4	B-2	FS83	G-1
FS5	B-2	FS84	G-1
FS6	B-2	FS85	G-1
FS7	A-3	FS86	G-1
FS8	B-3	FS87	H-1
FS9	B-3	FS88	H-1
FS10	A-3	FS89	H-1
FS11	B-3	FS90	G-1
FS12	A-3	FS91	G-1
FS13	A-3	FS92	G-2
FS14	B-3	FS93	G-2
FS15	B-3	FS94	F-2
FS16	A-4	FS96	H-2
FS17	A-4	FS97	H-2
FS18	A-4	FS98	F-2
FS19	B-4	FS99	F-2
FS20	A-4	FS100	G-2
FS21	A-4	FS101	H-2
FS22	A-5	FS102	H-2
FS23	A-5	FS103	G-3
FS24	A-5	FS105	G-3
FS25	B-5	FS106	H-3
FS26	A-5	FS107	H-3
FS27	B-5	FS108	H-3
FS28	B-5	FS109	H-3
FS29	B-5	FS110	G-3
FS30	C-1	FS111	G-4
FS31	C-1	FS112	G-4
FS32	C-1	FS113	G-4
FS33	C-1	FS114	H-4
FS34	C-1	FS115	H-4
FS35	C-1	FS116	G-4
FS36	D-1	FS117	H-4
FS38	C-2	FS118	H-4
FS39	C-2	FS119	H-5

* : B SIDE
P : UVW-1800P ONLY
N : UVW-1800 ONLY

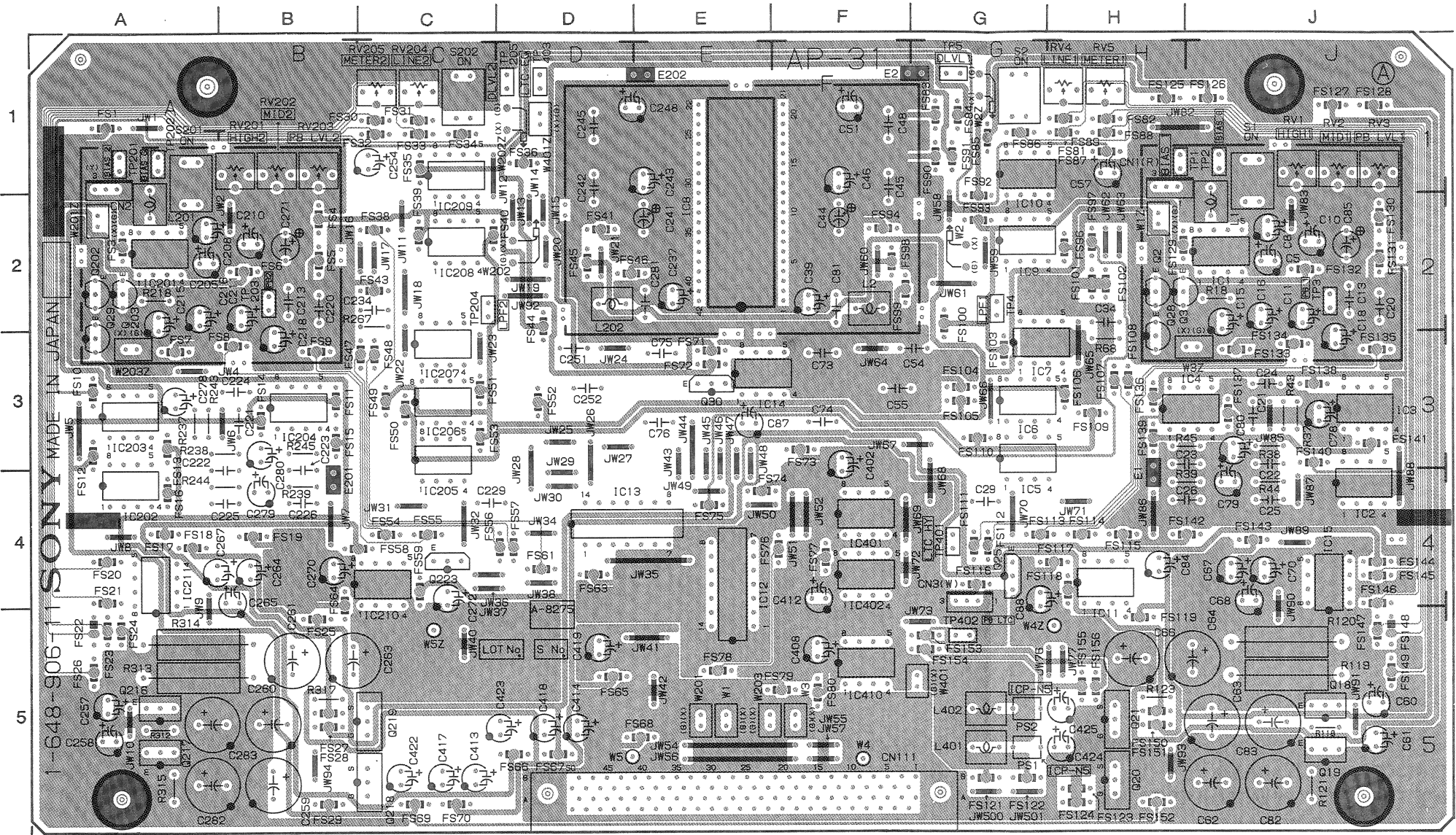
FS121	G-5	*Q1	H-1	S202	C-1
FS122	G-5	Q2	H-2		
FS123	H-5	Q3	H-2	TH1	J-2
FS124	H-5	*Q4	J-2	TH2	A-2
FS125	H-1	*Q5	J-2		
FS126	J-1	*Q6	J-2	TP1	H-1
FS127	J-1	*Q7	J-2	TP2	J-1
FS128	J-1	*Q8	H-3	TP3	J-2
FS129 P	H-2	*Q9	H-4	TP4	G-2
FS129 N	J-2	*Q10	H-4	TP5	G-1
FS130	J-2	*Q11	C-2	TP201	A-1
FS131	J-2	*Q12	E-2	TP202	A-1
FS132	J-2	*Q13	E-1	TP203	B-2
FS133	J-3	*Q14	G-3	TP204	C-2
FS134	J-3	*Q15	F-3	TP205	D-1
FS135	J-3	*Q16	F-3	TP401	G-4
FS136	H-3	*Q17	F-2	TP402	G-5
FS137	J-3	Q18	J-5	TP403	D-1
FS138	J-3	Q19	J-5		
FS139	H-3	Q20	H-5		
FS140	J-3	Q21	H-5		
FS141	J-3	*Q22	J-4		
FS142	J-4	*Q23	H-4		
FS143	J-4	Q25	G-4		
FS144	J-4	*Q26	E-3		
FS145	J-4	*Q26	E-4		
FS146	J-4	*Q27	D-4		
FS147	J-5	Q28	H-3		
FS148	J-5	Q29	A-3		
FS149	J-5	Q30	E-3		
FS150	H-5	*Q34	J-2		
FS151	H-5	*Q35	J-2		
FS152	H-5	*Q36	J-2		
FS153	G-5	*Q201	A-1		
FS154	G-5	Q202	A-2		
FS155	H-5	Q203	A-2		
FS156	H-5	*Q204	B-2		
		*Q205	A-2		
		*Q206	A-2		
		*Q207	B-2		
		*Q208	C-3		
		*Q209	B-4		
		*Q210	B-4		
		*Q211	E-1		
		*Q212	D-3		
		*Q213	D-3		
		*Q214	D-3		
		*Q215	E-2		
		Q216	A-5		
		Q217	A-5		
		Q218	C-5		
		Q219	C-5		
		*Q220	B-4		
		*Q221	B-4		
		Q223	C-4		
		*Q224	B-2		
		*Q225	B-2		
		*Q226	B-2		
		*Q401	G-4		
		*Q402	F-5		
		*Q403	F-3		
IC1	J-2				
IC2	J-4				
IC3	J-3				
IC4	H-3				
IC5	G-4				
IC6	G-3				
IC7	G-3				
IC8	F-2				
IC9	G-2				
IC10	G-2				
IC11	H-4				
IC12	E-5				
IC13	D-4				
IC14	E-3				
IC15	J-4				
IC201	A-2				
IC202	A-4				
IC203	A-3				
IC204	B-3				
IC205	C-4				
IC206	C-3				
IC207	C-3				
IC208	C-2				
IC209	C-2				
IC210	C-4				
IC211	A-4				
IC401	F-4				
IC402	F-4				
*IC405	C-5				
*IC406	D-5				
*IC407	D-5				
*IC408	C-5				
*IC409	D-5				
IC410	F-5				
PS1	G-5	S1	J-1		
PS2	G-5	S2	G-1		
		S201	A-1		



AP-31 1-648-906-12 B SIDE

AP-31A/31AP ; AUDIO/TC PB AMP., METER DRIVER

AP-31(1-648-906-11)



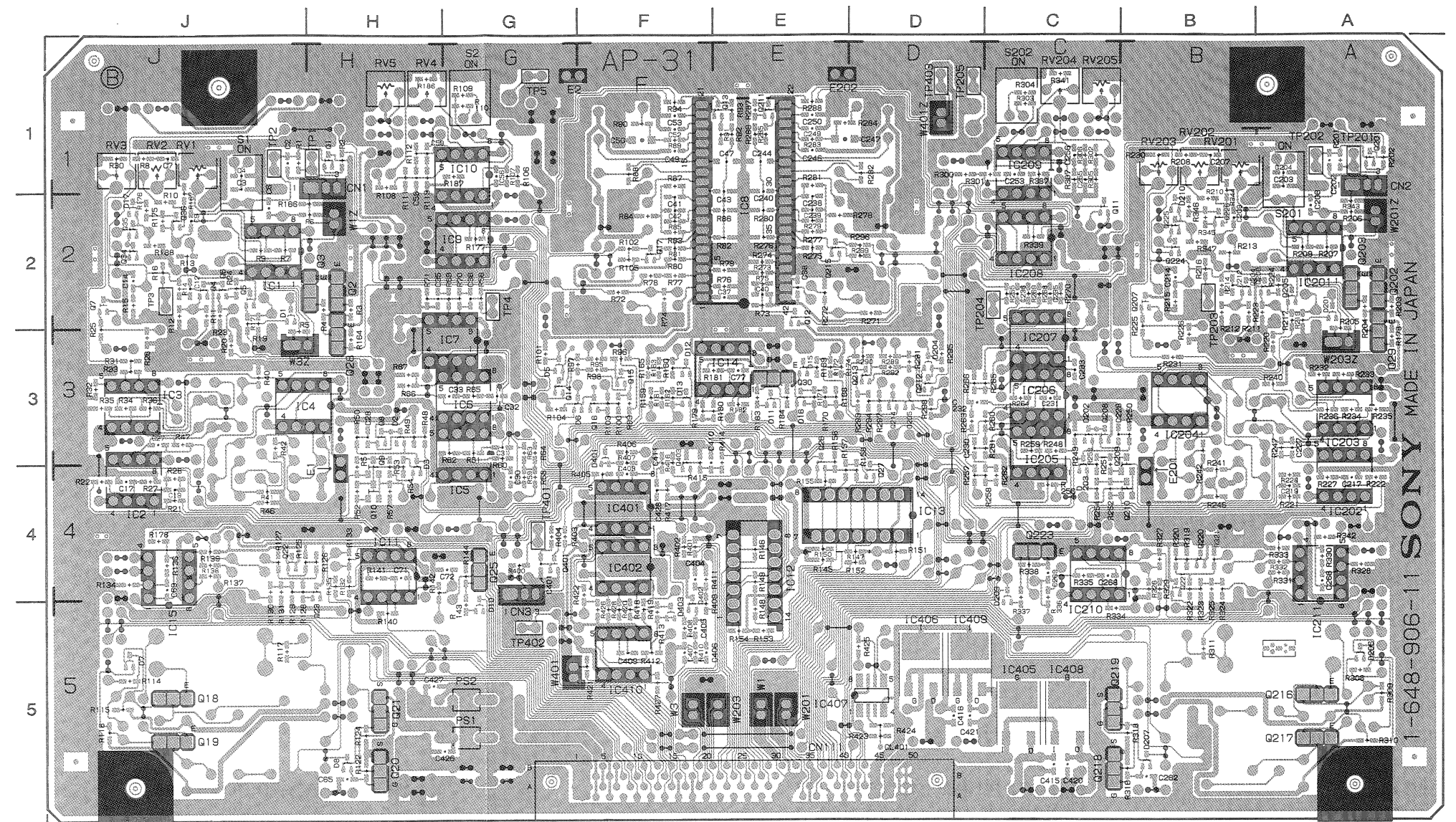
AP-31 1-648-906-11 A SIDE

UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK) ; Serial No. 10001 through 14140

CN1	H-1	FS40	C-2
CN2	A-1	FS41	D-2
CN3	G-4	FS43	C-2
CN111	E-5	FS44	D-2
		FS45	D-2
*D1	J-2	FS46	D-2
*D2	H-3	FS47	C-3
*D3	H-4	FS48	C-3
*D5	G-3	FS49	C-3
*D6	G-3	FS50	C-3
*D7	J-5	FS51	C-3
*D8	H-5	FS52	D-3
*D10	G-5	FS53	C-3
*D11	E-3	FS54	C-4
*D12	F-3	FS55	C-4
*D13	F-3	FS56	D-4
*D15	E-3	FS57	D-4
*D16	E-3	FS58	C-4
*D17	J-2	FS59	C-4
*D18	H-2	FS61	D-4
*D201	A-2	FS63	D-4
*D202	C-3	FS64	B-4
*D203	C-4	FS65	D-5
*D204	D-3	FS66	D-5
*D205	D-3	FS67	D-5
*D206	A-5	FS68	E-5
*D207	B-5	FS69	C-5
*D209	C-4	FS70	C-5
*D210	B-2	FS71	E-3
*D211	A-3	FS72	E-3
*D401	F-3	FS73	F-3
*D403	F-5	FS74	E-4
*D500	D-5	FS75	E-4
		FS76	F-4
E1	H-4	FS77	F-4
E2	G-1	FS78	E-5
E201	B-4	FS79	F-5
E202	E-1	FS80	F-5
		FS81	H-1
FS1	A-1	FS82	H-1
FS3	A-2	FS83	G-1
FS4	B-2	FS84	G-1
FS5	B-2	FS85	G-1
FS6	B-2	FS86	G-1
FS7	A-3	FS87	H-1
FS8	B-3	FS88	H-1
FS9	B-3	FS89	H-1
FS10	A-3	FS90	G-1
FS11	B-3	FS91	G-1
FS12	A-3	FS92	G-2
FS13	A-3	FS93	G-2
FS14	B-3	FS94	F-2
FS15	B-3	FS96	H-2
FS16	A-4	FS97	H-2
FS17	A-4	FS98	F-2
FS18	A-4	FS99	F-2
FS19	B-4	FS100	G-2
FS20	A-4	FS101	H-2
FS21	A-4	FS102	H-2
FS22	A-5	FS103	G-3
FS23	A-5	FS104	G-3
FS24	A-5	FS105	G-3
FS25	B-5	FS106	H-3
FS26	A-5	FS107	H-3
FS27	B-5	FS108	H-3
FS28	B-5	FS109	H-3
FS29	B-5	FS110	G-3
FS30	C-1	FS111	G-4
FS31	C-1	FS112	G-4
FS32	C-1	FS113	G-4
FS33	C-1	FS114	H-4
FS34	C-1	FS115	H-4
FS35	C-1	FS116	G-4
FS36	D-1	FS117	H-4
FS38	C-2	FS118	H-4
FS39	C-2	FS119	H-5

* : B SIDE

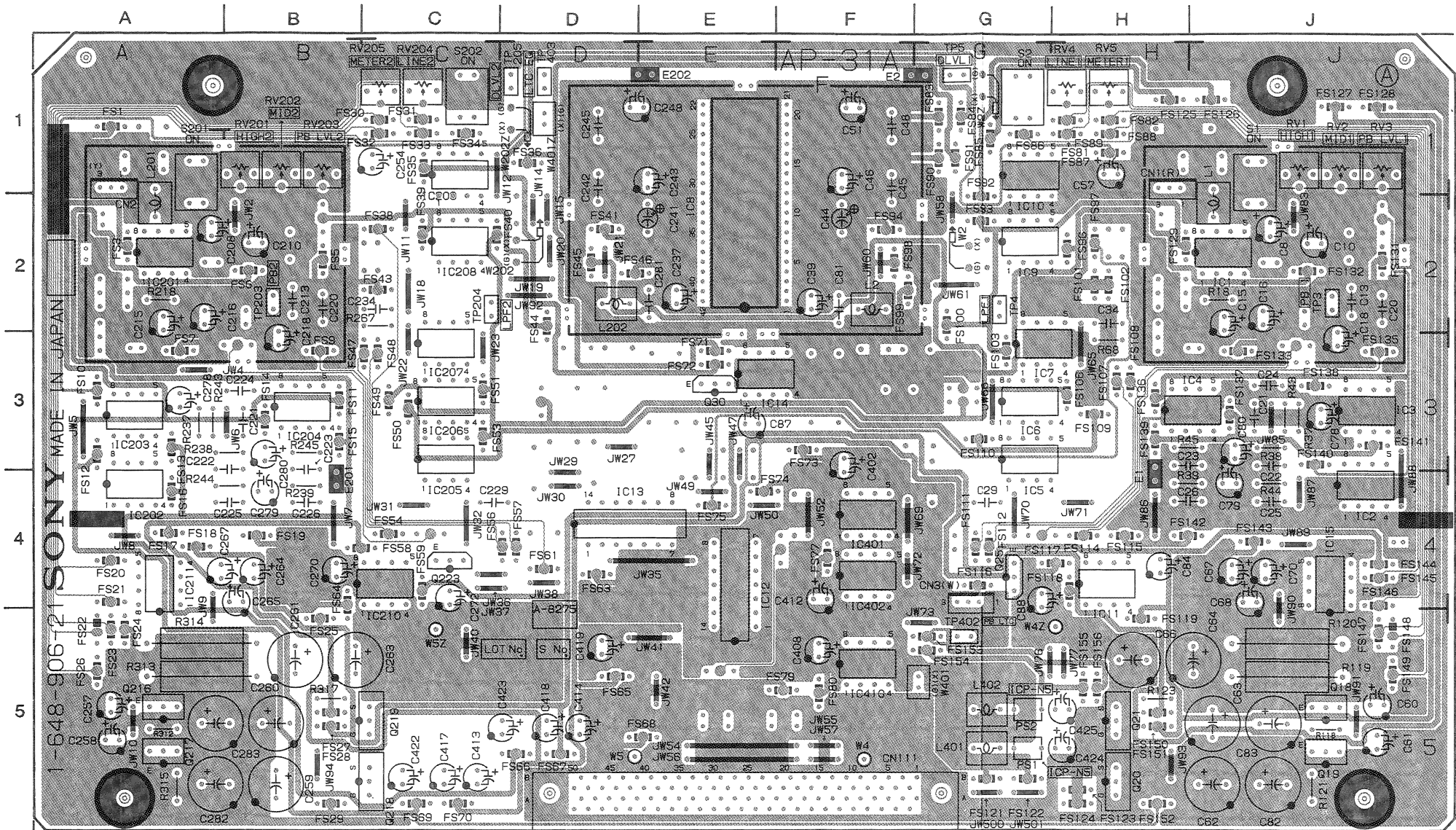
FS121	G-5	Q2	H-2	*TH1	J-2
FS122	G-5	Q3	H-2	*TH2	B-2
FS123	H-5	*Q4	J-2		
FS124	H-5	*Q5	J-2	TP1	H-1
FS125	H-1	*Q6	J-2	TP2	J-1
FS126	J-1	*Q7	J-2	TP3	J-2
FS127	J-1	*Q8	H-3	TP4	G-2
FS128	J-1	*Q9	H-4	TP5	G-1
FS129	H-2	*Q10	H-4	TP201	A-1
FS130	J-2	*Q11	C-2	TP202	A-1
FS131	J-2	*Q12	E-2	TP203	B-2
FS132	J-2	*Q13	E-1	TP204	C-2
FS133	J-3	*Q14	G-3	TP205	D-1
FS134	J-3	*Q15	F-3	TP401	G-4
FS135	J-3	*Q16	F-3	TP402	G-5
FS136	H-3	*Q17	F-2	TP403	D-1
FS137	J-3	Q18	J-5		
FS138	J-3	Q19	J-5		
FS139	H-3	Q20	H-5		
FS140	J-3	Q21	H-5		
FS141	J-3	*Q22	J-4		
FS142	J-4	*Q23	H-4		
FS143	J-4	Q25	G-4		
FS144	J-4	*Q26	E-3		
FS145	J-4	*Q27	D-4		
FS146	J-4	Q28	H-3		
FS147	J-5	Q29	A-3		
FS148	J-5	Q30	E-3		
FS149	J-5	*Q34	J-2		
FS150	H-5	*Q35	J-2		
FS151	H-5	*Q36	J-2		
FS152	H-5	*Q201	A-1		
FS153	G-5	Q202	A-2		
FS154	G-5	Q203	A-2		
FS155	H-5	*Q204	B-2		
FS156	H-5	*Q205	A-2		
		*Q206	A-2		
IC1	J-2	*Q207	B-2		
IC2	J-4	*Q208	C-3		
IC3	J-3	*Q209	B-4		
IC4	H-3	*Q210	B-4		
IC5	G-4	*Q211	E-1		
IC6	G-3	*Q212	D-3		
IC7	G-3	*Q213	D-3		
IC8	F-2	*Q214	D-3		
IC9	G-2	*Q215	E-2		
IC10	G-2	Q216	A-5		
IC11	H-4	Q217	A-5		
IC12	E-5	Q218	C-5		
IC13	D-4	Q219	C-5		
IC14	E-3	*Q220	B-4		
IC15	J-4	*Q221	B-4		
IC201	A-2	Q223	C-4		
IC202	A-4	*Q224	B-2		
IC203	A-3	*Q225	B-2		
IC204	B-3	*Q226	B-2		
IC205	C-4	*Q401	G-4		
IC206	C-3	*Q402	F-5		
IC207	C-3	*Q403	F-3		
IC208	C-2				
IC209	C-2	RV1	J-1		
IC210	C-4	RV2	J-1		
IC211	A-4	RV3	J-1		
IC401	F-4	RV4	H-1		
IC402	F-4	RV5	H-1		
*IC405	C-5	RV201	B-1		
*IC406	D-5	RV202	B-1		
*IC407	D-5	RV203	B-1		
*IC408	C-5	RV204	C-1		
*IC409	D-5	RV205	C-1		
IC410	F-5				
		S1	J-1		
PS1	G-5	S2	G-1		
PS2	G-5	S201	A-1		
		S202	C-1		
*Q1	H-1				



AP-31 1-648-906-11 B SIDE

AP-31A/31AP ; AUDIO/TC PB AMP., METER DRIVER

AP-31A (1-648-906-21, 22)

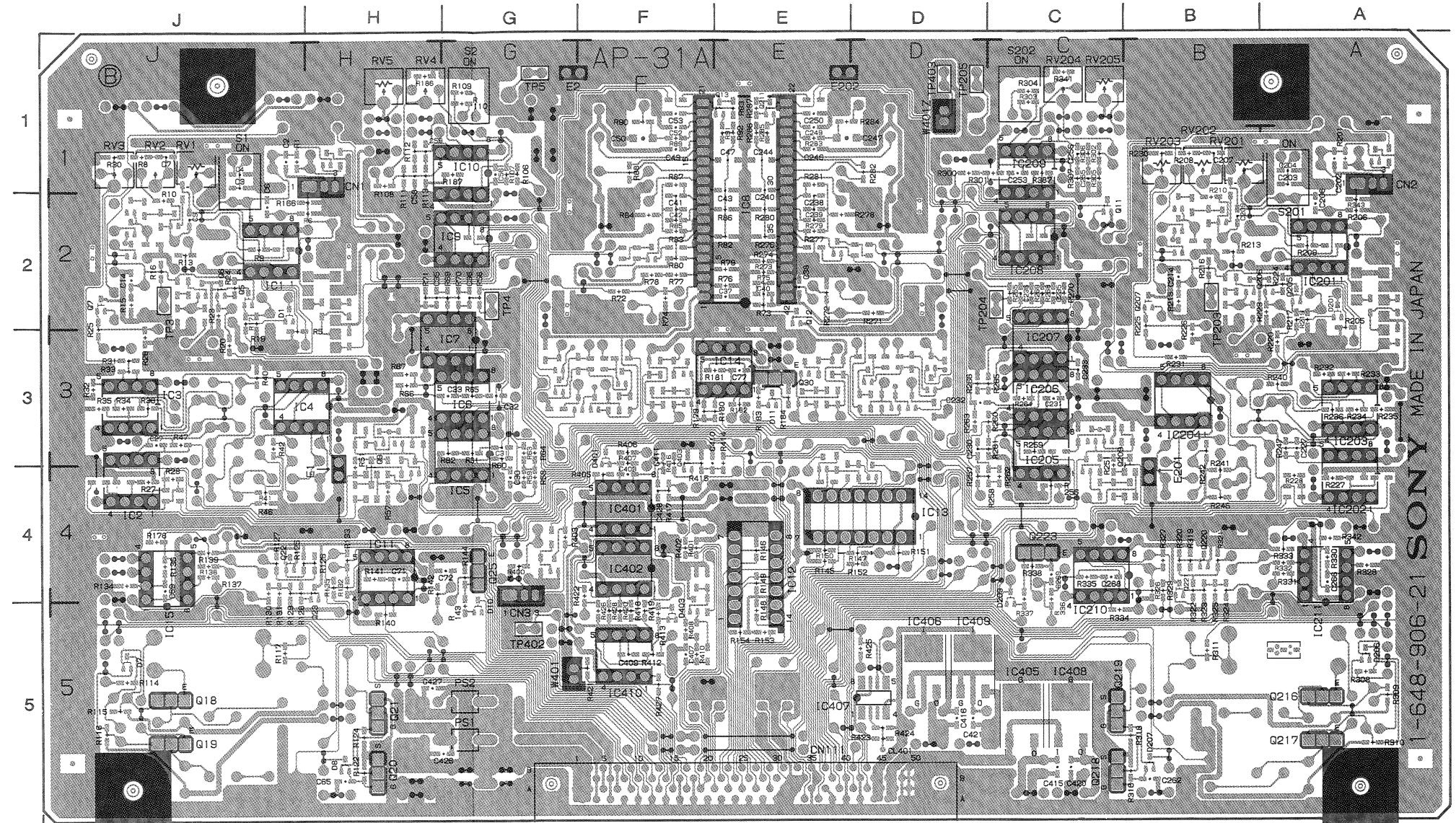


AP-31A 1-648-906-21, 22 A SIDE

CN1	H-1	FS63	D-4
CN2	A-1	FS64	B-4
CN3	G-4	FS65	D-5
CN111	E-5	FS66	D-5
		FS67	D-5
*D1	J-2	FS68	E-5
*D7	J-5	FS69	C-5
*D8	H-5	FS70	C-5
*D10	G-5	FS71	E-3
*D11	E-3	FS72	E-3
*D201	A-2	FS73	F-3
*D206	A-5	FS74	E-4
*D207	B-5	FS75	E-4
*D209	C-4	FS77	F-4
*D401	F-3	FS79	F-5
*D403	F-5	FS80	F-5
*D500	P	FS81	H-1
		FS82	H-1
E1	H-4	FS83	G-1
E2	G-1	FS84	G-1
E201	B-4	FS85	G-1
E202	E-1	FS86	G-1
		FS87	H-1
		FS88	H-1
FS1	A-1	FS89	H-1
FS3	A-2	FS90	G-1
FS5	B-2	FS91	G-1
FS6	B-2	FS92	G-2
FS7	A-3	FS93	G-2
FS9	B-3	FS94	F-2
FS10	A-3	FS96	H-2
FS11	B-3	FS97	H-2
FS12	A-3	FS98	F-2
FS13	A-3	FS99	F-2
FS14	B-3	FS100	G-2
FS15	B-3	FS101	G-2
FS16	A-4	FS102	H-2
FS17	A-4	FS103	G-3
FS18	A-4	FS106	H-3
FS19	B-4	FS107	H-3
FS20	A-4	FS108	H-3
FS21	A-4	FS109	H-3
FS22	A-5	FS110	G-3
FS23	A-5	FS111	G-4
FS24	A-5	FS112	G-4
FS25	B-5	FS114	H-4
FS26	A-5	FS115	H-4
FS27	B-5	FS116	G-4
FS28	B-5	FS117	H-4
FS29	B-5	FS118	H-4
FS30	C-1	FS119	H-5
FS31	C-1	FS121	G-5
FS32	C-1	FS122	G-5
FS33	C-1	FS123	H-5
FS34	C-1	FS124	H-5
FS35	C-1	FS125	H-1
FS36	D-1	FS126	J-1
FS38	C-2	FS127	J-1
FS39	C-2	FS128	J-1
FS40	C-2	FS129	H-2
FS41	D-2	FS131	J-2
FS43	C-2	FS132	J-2
FS44	D-2	FS133	J-3
FS45	D-2	FS135	J-3
FS46	D-2	FS136	H-3
FS47	C-3	FS137	J-3
FS48	C-3	FS138	J-3
FS49	C-3	FS139	H-3
FS50	C-3	FS140	J-3
FS51	C-3	FS141	J-3
FS53	C-3	FS142	J-4
FS54	C-4	FS143	J-4
FS56	D-4	FS144	J-4
FS57	D-4	FS145	J-4
FS58	C-4	FS146	J-4
FS59	C-4	FS147	J-5
FS61	D-4		

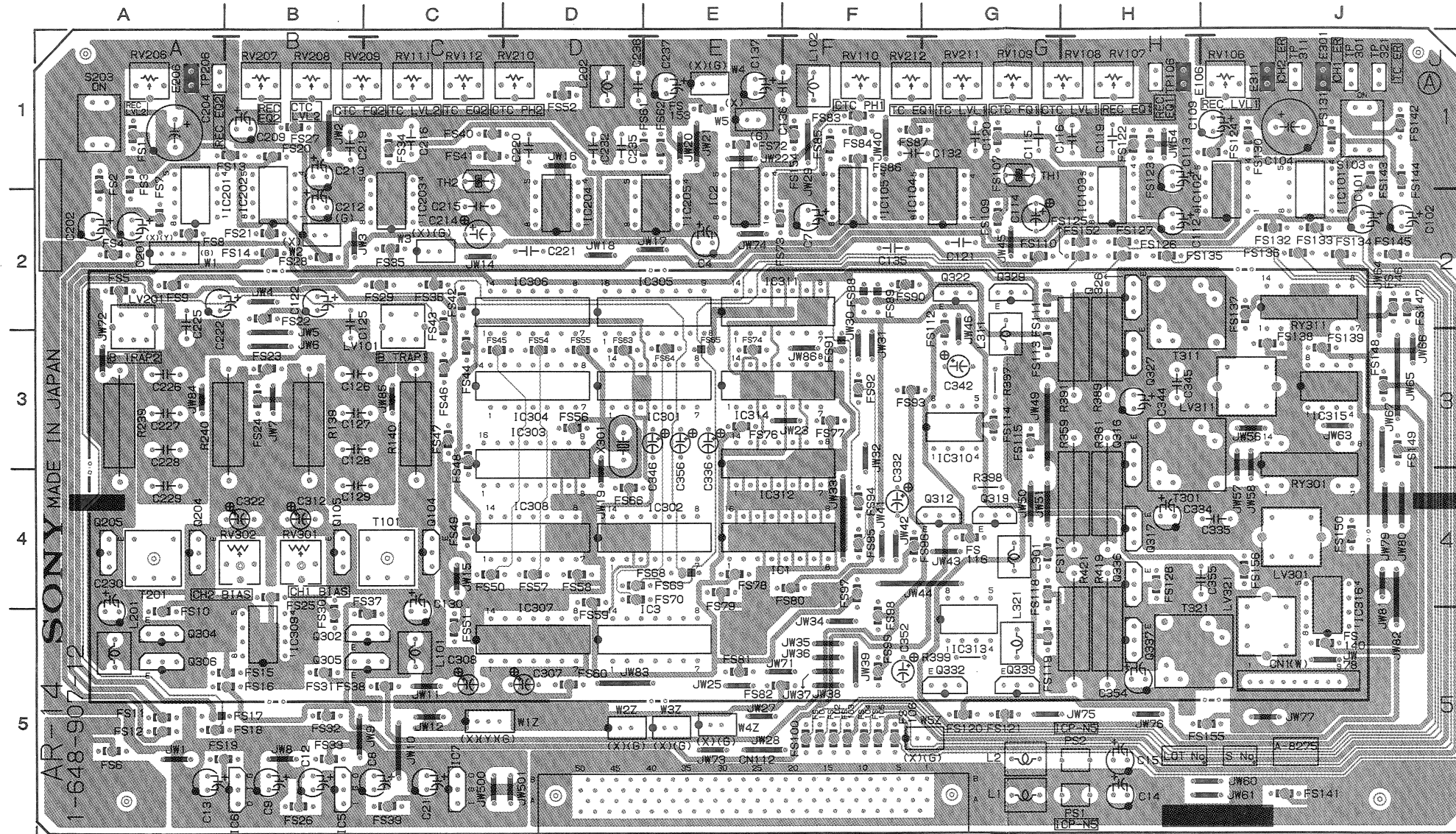
* : B SIDE
P : UVW-1600P ONLY
N : UVW-1600 ONLY

FS148	J-5	RV1	J-1
FS149	J-5	RV2	J-1
FS150	H-5	RV3	J-1
FS151	H-5	RV4	H-1
FS152	H-5	RV5	H-1
FS153	G-5	RV201	B-1
FS154	G-5	RV202	B-1
FS155	H-5	RV203	B-1
FS156	H-5	RV204	C-1
		RV205	C-1
IC1	J-2	S1	J-1
IC2	J-4	S2	G-1
IC3	J-3	S201	A-1
IC4	H-3	S202	C-1
IC5	G-4		
IC6	G-3	*TH1	J-2
IC7	G-3	*TH2	B-2
IC8	F-2		
IC9	G-2		
IC10	G-2	TP3	J-2
IC11	H-4	TP4	G-2
IC12	E-5	TP5	G-1
IC13	D-4	TP203	B-2
IC14	E-3	TP204	C-2
IC15	J-4	TP205	D-1
IC201	A-2	TP402	G-5
IC202	A-4	TP403	D-1
IC203	A-3		
IC204	B-3		
IC205	C-4		
IC206	C-3		
IC207	C-3		
IC208	C-2		
IC209	C-2		
IC210	C-4		
IC211	A-4		
IC401	F-4		
IC402	F-4		
*IC405	C-5		
*IC406	D-5		
*IC407	D-5		
*IC408	C-5		
*IC409	D-5		
IC410	F-5		
PS1	G-5		
PS2	G-5		
*Q5	J-2		
*Q6	J-2		
*Q7	J-2		
*Q9	H-4		
*Q11	C-2		
*Q12	E-2		
*Q13	E-1		
Q18	J-5		
Q19	J-5		
Q20	H-5		
Q21	H-5		
*Q22	J-4		
*Q23	H-4		
Q25	G-4		
Q30	E-3		
*Q205	A-2		
*Q206	A-2		
*Q207	B-2		
*Q209	B-4		
*Q211	E-1		
Q216	A-5		
Q217	A-5		
Q218	C-5		
Q219	C-5		
*Q220	B-4		
*Q221	B-4		
Q223	C-4		
*Q403	F-3		



AP-31A 1-648-906-21, 22 B SIDE

AR-14/14P ; AUDIO/TC REC AMP., AUDIO/TC ERASE OSC., AUDIO BIAS DRIVER



AR-14 1-648-907-12 A SIDE

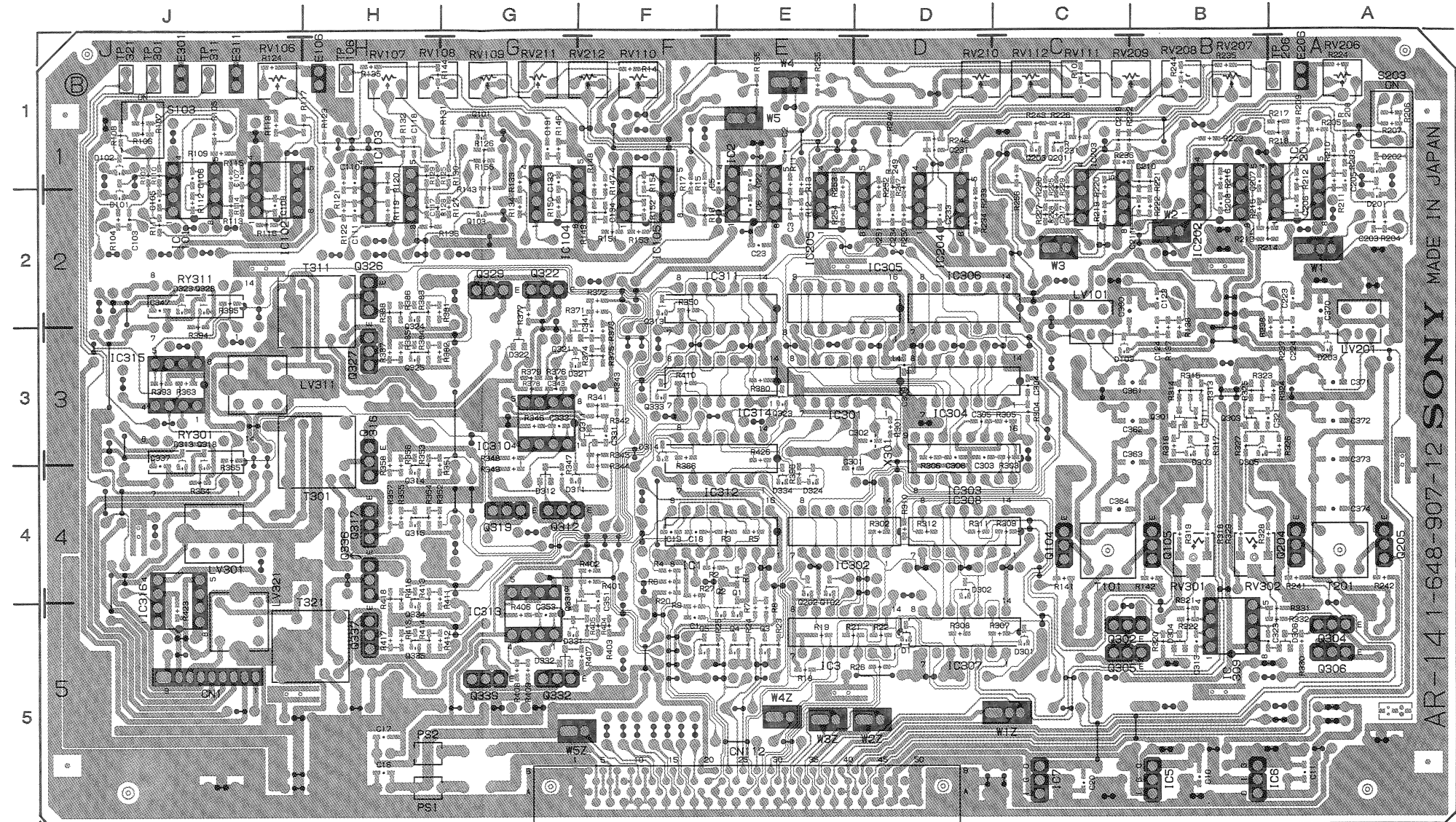
UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK) ; Serial No. 14141 and higher

AR-14 (1-648-907-12)

CN1	J-5	FS44	C-3
CN112	E-5	FS45	C-3
		FS46	C-3
*D1	D-5	FS47	C-3
*D101	J-2	FS48	C-3
*D102	J-1	FS49	C-4
*D103	C-3	FS50	C-4
*D201	A-2	FS51	C-5
*D202	A-1	FS52	D-1
*D203	A-3	FS54	D-3
*D301	C-5	FS55	D-3
*D302	D-4	FS56	D-3
*D303	B-3	FS57	D-4
*D304	B-5	FS58	D-4
*D305	B-3	FS59	D-4
*D306	A-5	FS60	D-5
*D311	G-4	FS61	D-1
*D312	G-4	FS62	E-1
*D313	J-3	FS63	D-3
*D314	F-3	FS64	E-3
*D321	G-3	FS65	E-3
*D322	G-3	FS66	D-4
*D323	J-2	FS68	E-4
*D324	E-4	FS69	D-4
*D331	G-5	FS70	D-4
*D332	G-5	FS72	E-1
*D334	E-4	FS73	E-2
		FS74	E-3
E106	H-1	FS76	E-3
E206	A-1	FS77	F-3
E301	J-1	FS78	E-4
E311	J-1	FS79	E-4
		FS80	F-4
FS1	A-1	FS81	E-5
FS2	A-1	FS82	E-5
FS3	A-1	FS83	F-1
FS4	A-2	FS84	F-1
FS5	A-2	FS85	F-1
FS6	A-5	FS86	F-1
FS7	A-2	FS87	F-1
FS8	A-2	FS88	F-2
FS9	A-2	FS89	F-2
FS10	A-5	FS90	F-2
FS11	A-5	FS91	F-3
FS12	A-5	FS92	F-3
FS13	B-1	FS93	F-3
FS14	B-2	FS94	F-4
FS15	B-5	FS95	F-4
FS16	B-5	FS96	F-4
FS17	A-5	FS97	F-4
FS18	A-5	FS98	F-5
FS19	A-5	FS99	F-5
FS20	B-1	FS100	F-5
FS21	B-2	FS101	F-5
FS22	B-2	FS102	F-5
FS23	B-3	FS103	F-5
FS24	B-3	FS104	F-5
FS25	B-4	FS105	F-5
FS26	B-5	FS106	F-5
FS27	B-1	FS107	G-1
FS28	B-2	FS108	G-1
FS29	C-2	FS109	G-2
FS30	B-5	FS110	G-2
FS31	B-5	FS111	G-2
FS32	B-5	FS112	G-2
FS33	B-5	FS113	G-3
FS34	C-1	FS114	G-3
FS35	C-2	FS115	G-3
FS36	C-2	FS116	G-4
FS37	C-5	FS117	G-4
FS38	C-5	FS118	G-4
FS39	C-5	FS119	G-5
FS40	C-1	FS120	G-5
FS41	C-1	FS121	G-5
FS42	C-2	FS122	H-1
FS43	C-2	FS123	H-1

* : B SIDE

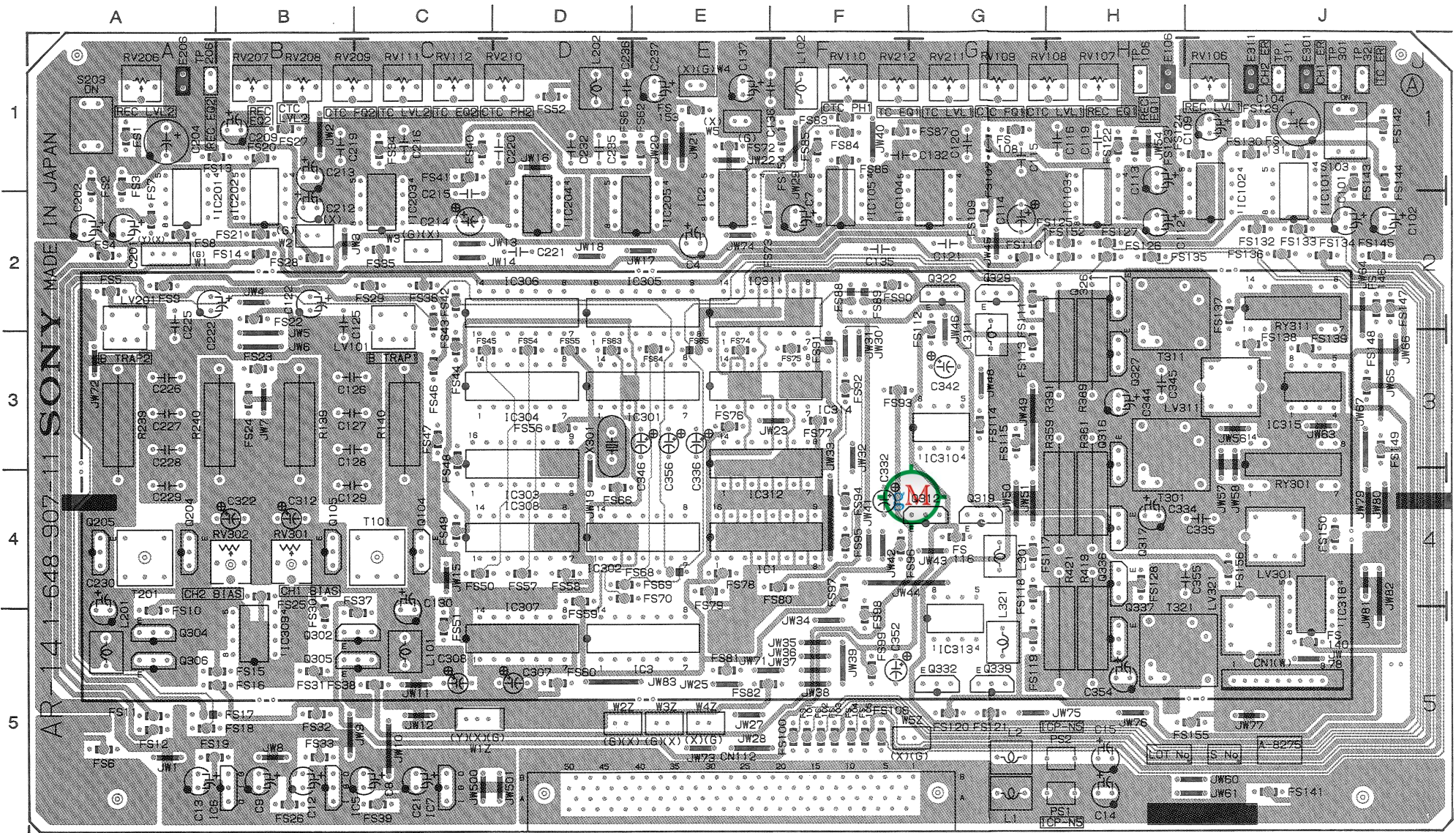
FS124	J-1	*Q3	E-5
FS125	H-2	*Q4	E-5
FS126	H-2	*Q5	F-5
FS127	H-2	*Q101	G-1
FS128	H-4	*Q102	E-4
FS130	J-1	*Q103	G-2
FS131	J-1	Q104	C-4
FS132	J-2	Q105	B-4
FS133	J-2	*Q201	C-1
FS134	J-2	*Q202	E-4
FS135	H-2	*Q203	C-1
FS136	J-2	Q204	A-4
FS137	J-2	Q205	A-4
FS138	J-3	*Q301	B-3
FS139	J-3	Q302	C-5
FS140	J-5	*Q303	B-3
FS141	J-5	Q304	A-5
FS142	J-1	Q305	C-5
FS143	J-1	Q306	A-5
FS144	J-1	*Q311	F-3
FS145	J-2	Q312	G-4
FS146	J-2	*Q313	F-2
FS147	J-2	*Q314	H-4
FS148	J-3	*Q315	H-4
FS149	J-3	Q316	H-3
FS150	J-4	Q317	H-4
FS152	H-2	*Q318	J-3
FS153	E-1	Q319	G-4
FS154	F-1	*Q321	G-3
FS155	J-5	Q322	G-2
FS156	J-4	*Q323	E-3
		*Q324	H-2
IC1	E-4	*Q325	H-3
IC2	E-2	Q326	H-2
IC3	D-5	Q327	H-3
IC5	B-5	*Q328	J-2
IC6	B-5	Q329	G-2
IC7	C-5	*Q331	F-5
IC101	J-2	Q332	G-5
IC102	J-2	*Q333	F-3
IC103	H-2	*Q334	H-4
IC104	G-2	*Q335	H-5
IC105	F-2	Q336	H-4
IC201	A-2	Q337	H-5
IC202	B-2	Q339	G-5
IC203	C-2		
IC204	D-2	RV106	J-1
IC205	E-2	RV107	H-1
IC301	D-3	RV108	H-1
IC302	D-4	RV109	G-1
IC303	C-4	RV110	F-1
IC304	C-3	RV111	C-1
IC305	D-3	RV112	C-1
IC306	C-3	RV206	A-1
IC307	C-5	RV207	B-1
IC308	C-4	RV208	B-1
IC309	B-5	RV209	B-1
IC310	G-3	RV210	D-1
IC311	E-3	RV211	G-1
IC312	E-4	RV212	F-1
IC313	G-5	RV301	B-4
IC314	E-3	RV302	B-4
IC315	J-3		
IC316	J-5	RY301	J-3
		RY311	J-2
LV101	C-2		
LV201	A-2	S103	J-1
LV301	J-4	S203	A-1
LV311	J-3		
LV321	J-5	TP106	H-1
		TP206	A-1
PS1	H-5	TP301	J-1
PS2	H-5	TP311	J-1
		TP321	J-1
*Q1	E-5		
*Q2	E-5	X301	D-3



AR-14 1-648-907-12 B SIDE

AR-14/14P ; AUDIO/TC REC AMP., AUDIO/TC ERASE OSC., AUDIO BIAS DRIVER

AR-14 (1-648-907-11)



AR-14 1-648-907-11 A SIDE

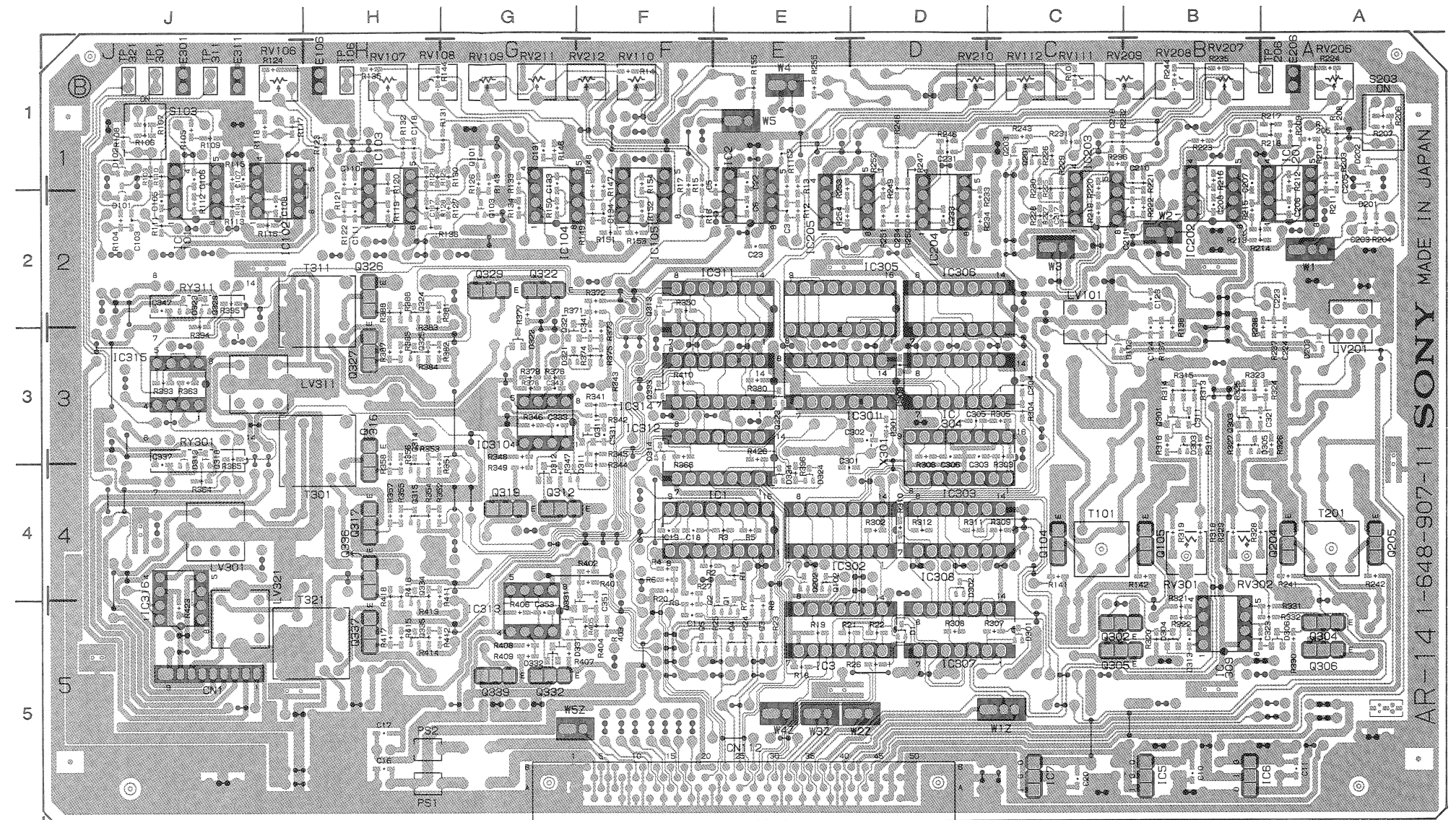
UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK) ; Serial No. 10001 through 14140

CN1	J-5	FS44	C-3
CN112	E-5	FS45	C-3
		FS46	C-3
*D1	D-5	FS47	C-3
*D101	J-2	FS48	C-3
*D102	J-1	FS49	C-4
*D103	C-3	FS50	C-4
*D201	A-2	FS51	C-5
*D202	A-1	FS52	D-1
*D203	A-3	FS54	D-3
*D301	C-5	FS55	D-3
*D302	D-4	FS56	D-3
*D303	B-3	FS57	D-4
*D304	B-5	FS58	D-4
*D305	B-3	FS59	D-4
*D306	A-5	FS60	D-5
*D311	G-4	FS61	D-1
*D312	G-4	FS62	E-1
*D313	J-3	FS63	D-3
*D314	F-3	FS64	E-3
*D321	G-3	FS65	E-3
*D322	G-3	FS66	D-4
*D323	J-2	FS68	E-4
*D324	E-4	FS69	D-4
*D331	G-5	FS70	D-4
*D332	G-5	FS72	E-1
*D334	E-4	FS73	E-2
		FS74	E-3
E106	H-1	FS75	F-3
E206	A-1	FS76	E-3
E301	J-1	FS77	F-3
E311	J-1	FS78	E-4
		FS79	E-4
FS1	A-1	FS80	F-4
FS2	A-1	FS81	E-5
FS3	A-1	FS82	E-5
FS4	A-2	FS83	F-1
FS5	A-2	FS84	F-1
FS6	A-5	FS85	F-1
FS7	A-2	FS86	F-1
FS8	A-2	FS87	F-1
FS9	A-2	FS88	F-2
FS10	A-5	FS89	F-2
FS11	A-5	FS90	F-2
FS12	A-5	FS91	F-3
FS13	B-1	FS92	F-3
FS14	B-2	FS93	F-3
FS15	B-5	FS94	F-4
FS16	B-5	FS95	F-4
FS17	A-5	FS96	F-4
FS18	A-5	FS97	F-4
FS19	A-5	FS98	F-5
FS20	B-1	FS99	F-5
FS21	B-2	FS100	F-5
FS22	B-2	FS101	F-5
FS23	B-3	FS102	F-5
FS24	B-3	FS103	F-5
FS25	B-4	FS104	F-5
FS26	B-5	FS105	F-5
FS27	B-1	FS106	F-5
FS28	B-2	FS107	G-1
FS29	C-2	FS108	G-1
FS30	B-5	FS109	G-2
FS31	B-5	FS110	G-2
FS32	B-5	FS111	G-2
FS33	B-5	FS112	G-2
FS34	C-1	FS113	G-3
FS35	C-2	FS114	G-3
FS36	C-2	FS115	G-3
FS37	C-5	FS116	G-4
FS38	C-5	FS117	G-4
FS39	C-5	FS118	G-4
FS40	C-1	FS119	G-5
FS41	C-1	FS120	G-5
FS42	C-2	FS121	G-5
FS43	C-2	FS122	H-1

* : B SIDE

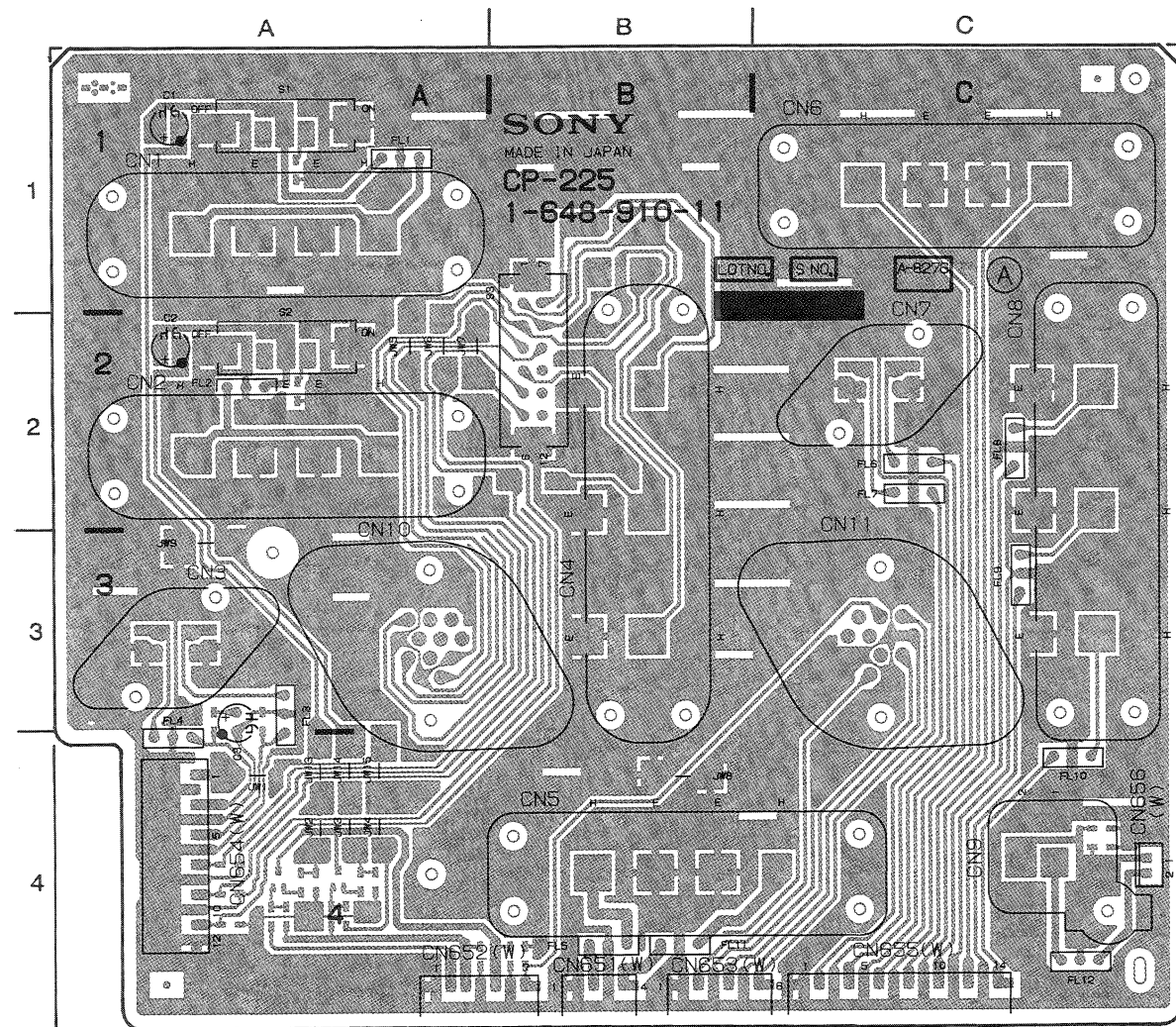
FS123	H-1	*Q1	E-5
FS124	J-1	*Q2	E-5
FS125	H-2	*Q3	E-5
FS126	H-2	*Q4	E-5
FS127	H-2	*Q5	F-5
FS128	H-4	*Q101	G-1
FS129	J-1	*Q102	E-4
FS130	J-1	*Q103	G-2
FS131	J-1	Q104	C-4
FS132	J-2	Q105	B-4
FS133	J-2	*Q201	C-1
FS134	J-2	*Q202	E-4
FS135	H-2	*Q203	C-1
FS136	J-2	Q204	A-4
FS137	J-2	Q205	A-4
FS138	J-3	*Q301	B-3
FS139	J-3	Q302	C-5
FS140	J-5	*Q303	B-3
FS141	J-5	Q304	A-5
FS142	J-1	Q305	C-5
FS143	J-1	Q306	A-5
FS144	J-1	*Q311	F-3
FS145	J-2	Q312	G-4
FS146	J-2	*Q313	F-2
FS147	J-2	*Q314	H-4
FS148	J-3	*Q315	H-4
FS149	J-3	Q316	H-3
FS150	J-4	Q317	H-4
FS152	H-2	*Q318	J-3
FS153	E-1	Q319	G-4
FS154	F-1	*Q321	G-3
FS155	J-5	Q322	G-2
FS156	J-4	*Q323	E-3
		*Q324	H-2
		*Q325	H-3
		Q326	H-2
		Q327	H-3
		*Q328	J-2
		Q329	G-2
		*Q331	F-5
		Q332	G-5
		*Q333	F-3
		*Q334	H-4
		*Q335	H-5
		Q336	H-4
		Q337	H-5
		Q339	G-5
IC1	E-4		
IC2	E-2		
IC3	D-5		
IC5	B-5		
IC6	B-5		
IC7	C-5		
IC101	J-2		
IC102	J-2		
IC103	H-2		
IC104	G-2		
IC105	F-2		
IC201	A-2		
IC202	B-2		
IC203	C-2		
IC204	D-2		
IC205	E-2		
IC301	D-3		
IC302	D-4		
IC303	C-4		
IC304	C-3		
IC305	D-3		
IC306	C-3		
IC307	C-5		
IC308	C-4		
IC309	B-5		
IC310	G-3		
IC311	E-3		
IC312	E-4		
IC313	G-5		
IC314	E-3		
IC315	J-3		
IC316	J-5		
LV101	C-2		
LV201	A-2		
LV301	J-4		
LV311	J-3		
LV321	J-5		
PS1	H-5		
PS2	H-5		

TP301	J-1
TP311	J-1
TP321	J-1
X301	D-3

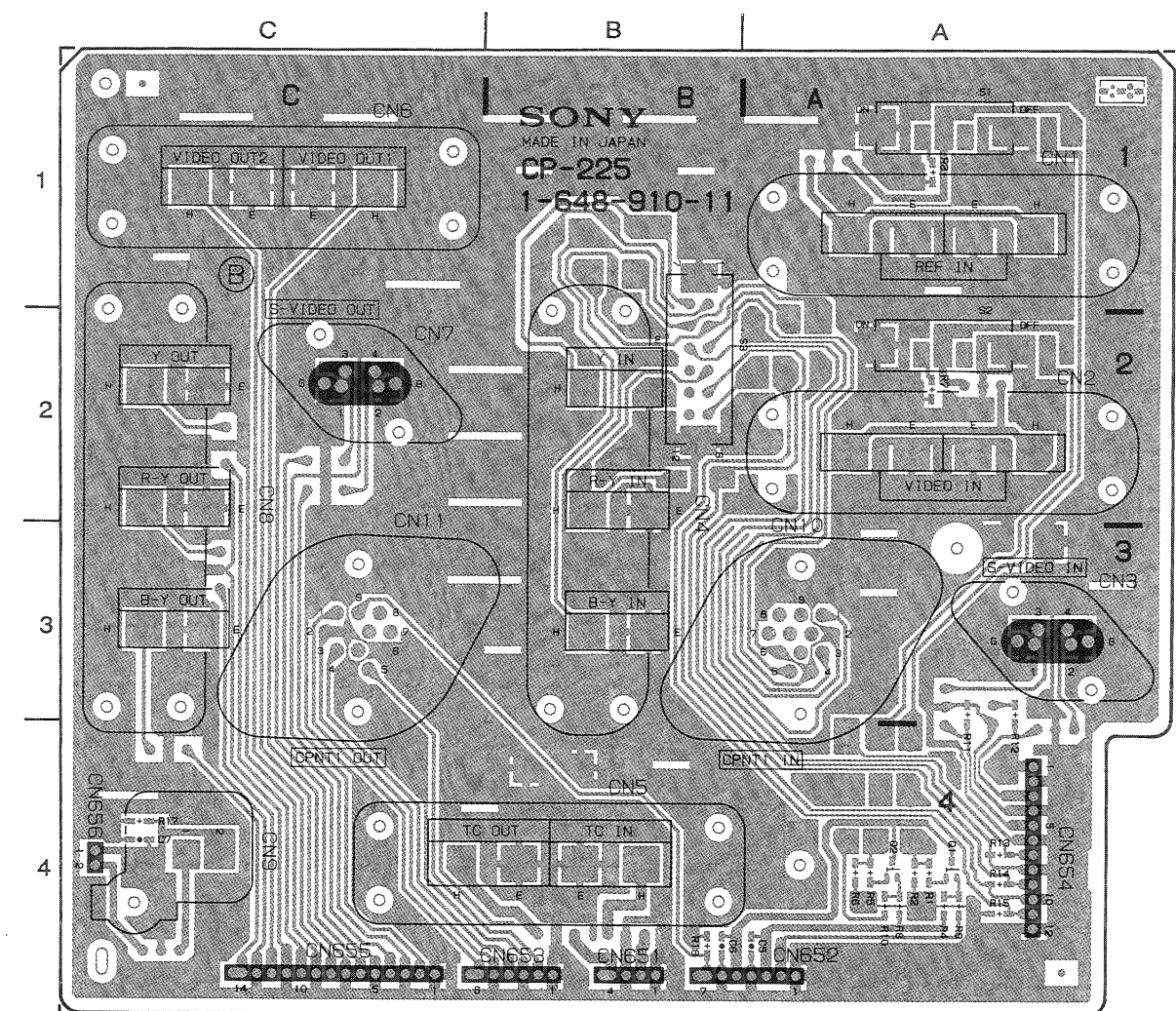


AR-14 1-648-907-11 B SIDE

CP-225; VIDEO INPUT/OUTPUT CONNECTOR

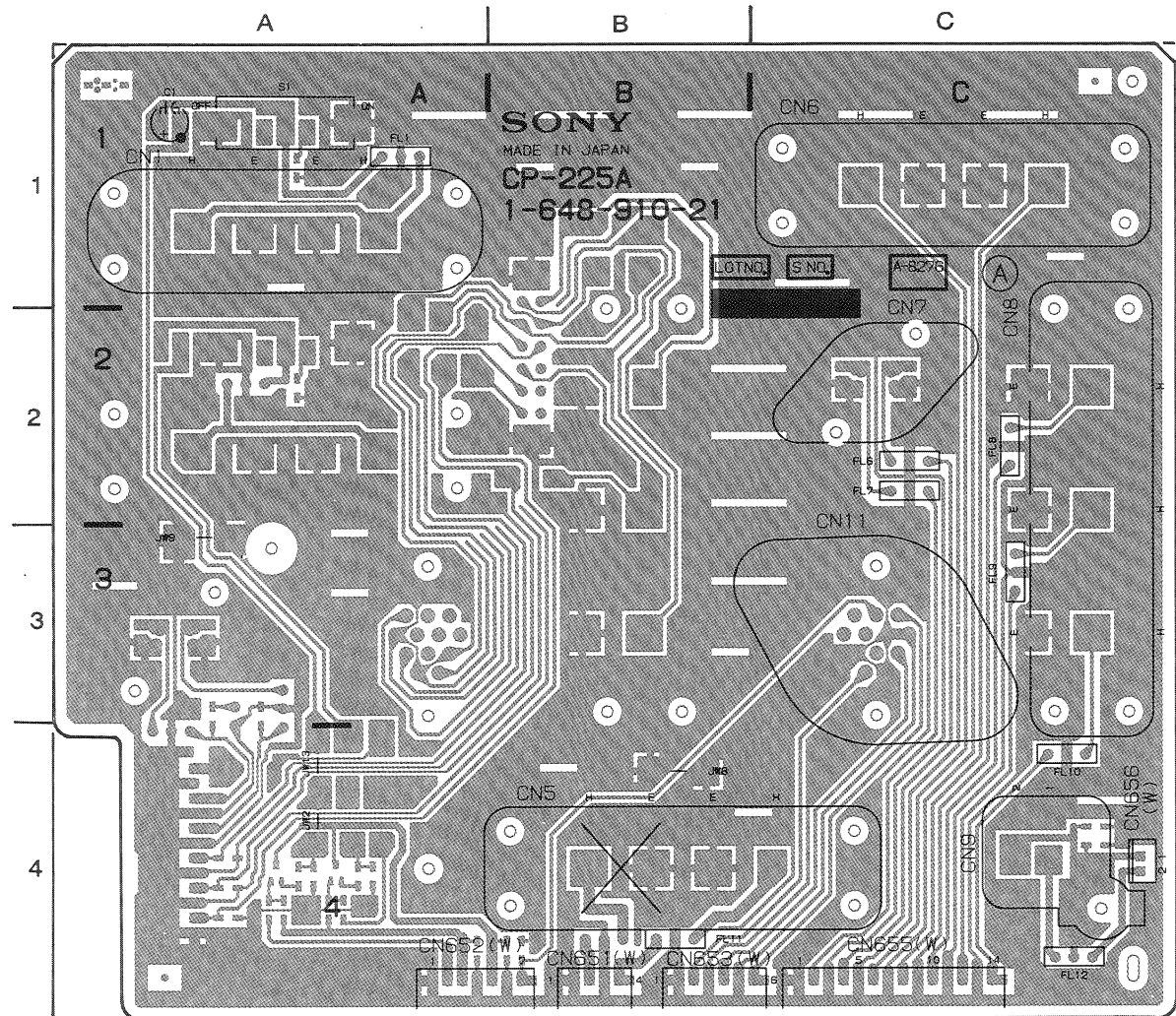


CP-225 1-648-910-11, 12 A SIDE

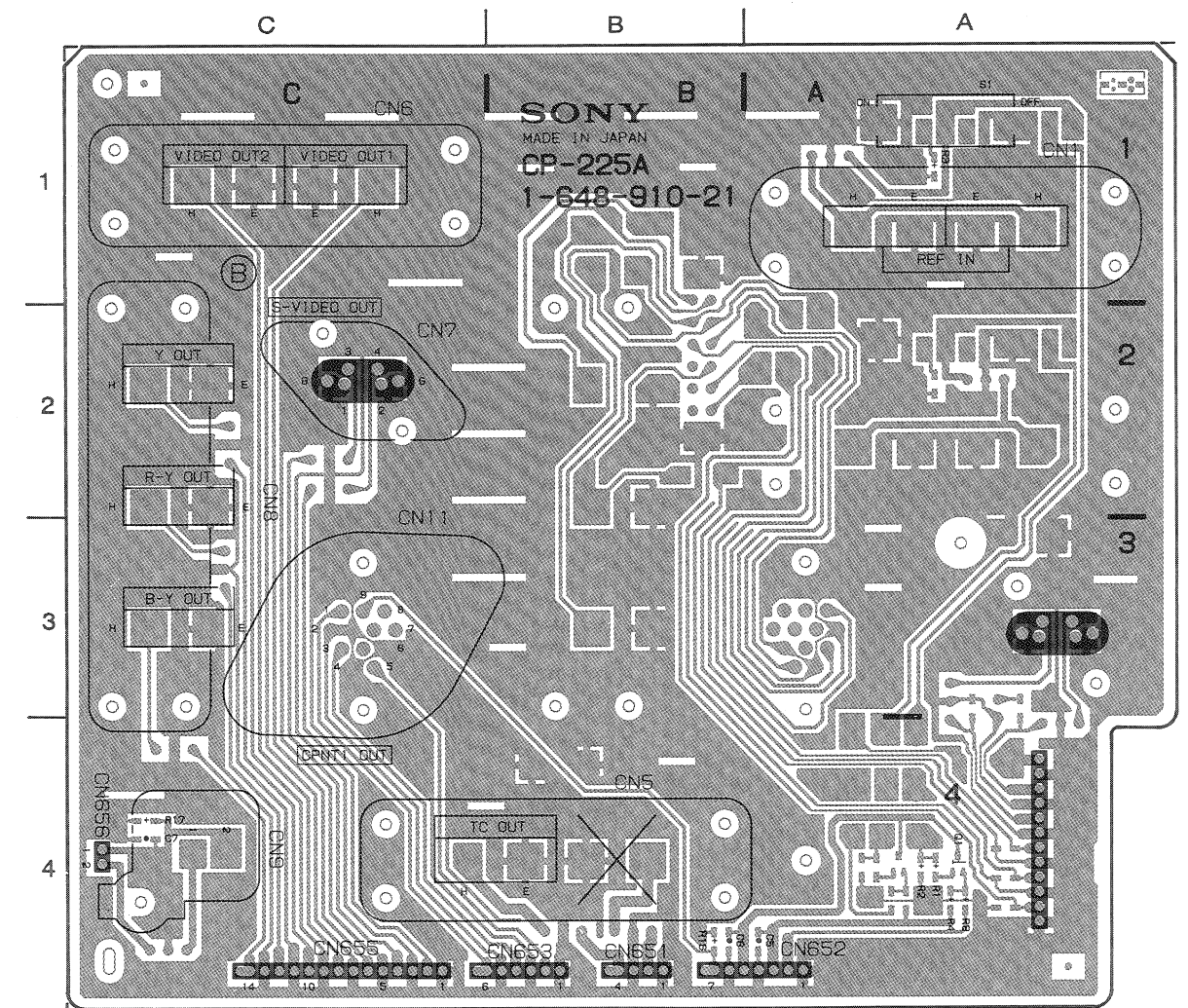


CP-225 1-648-910-11, 12 B SIDE

CP-225A; VIDEO OUTPUT CONNECTOR

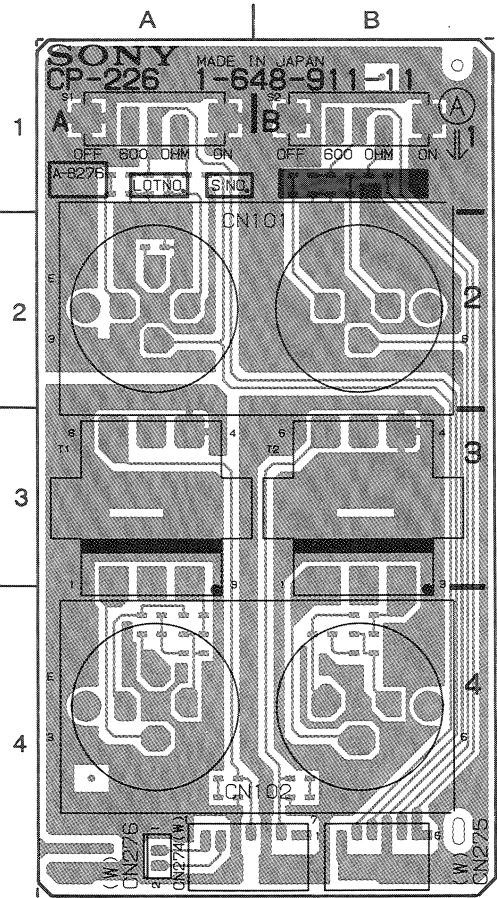


CP-225A 1-648-910-21, 22 A SIDE

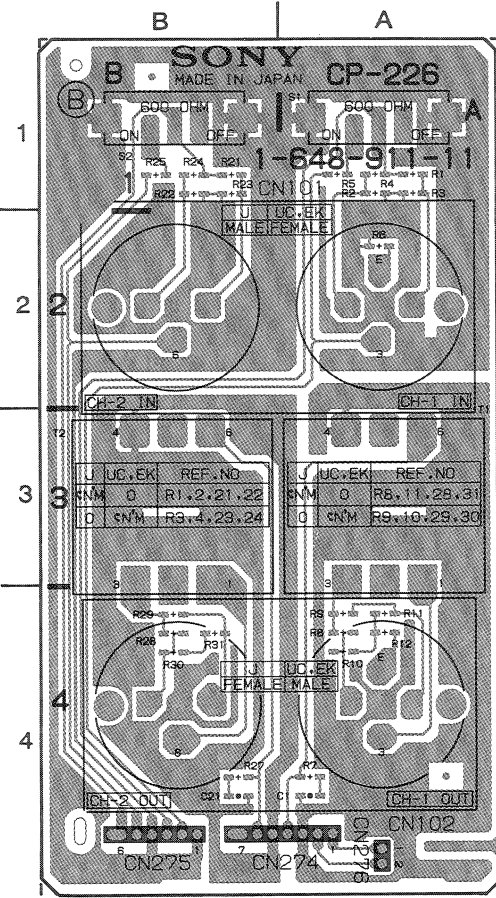


CP-225A 1-648-910-21, 22 B SIDE

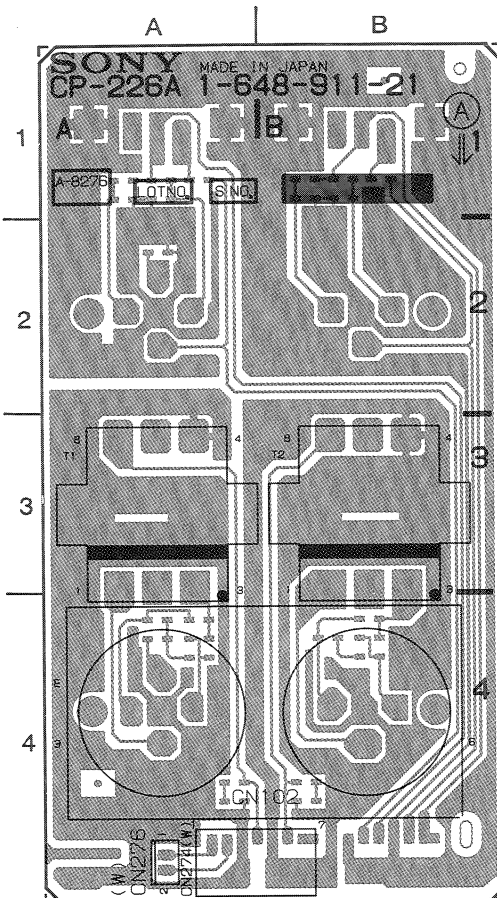
CP-226 ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER (FOR UC, EK)
CP-226J ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER (FOR J)
CP-226A ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER (FOR UC, EK)
CP-226AJ ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER (FOR J)



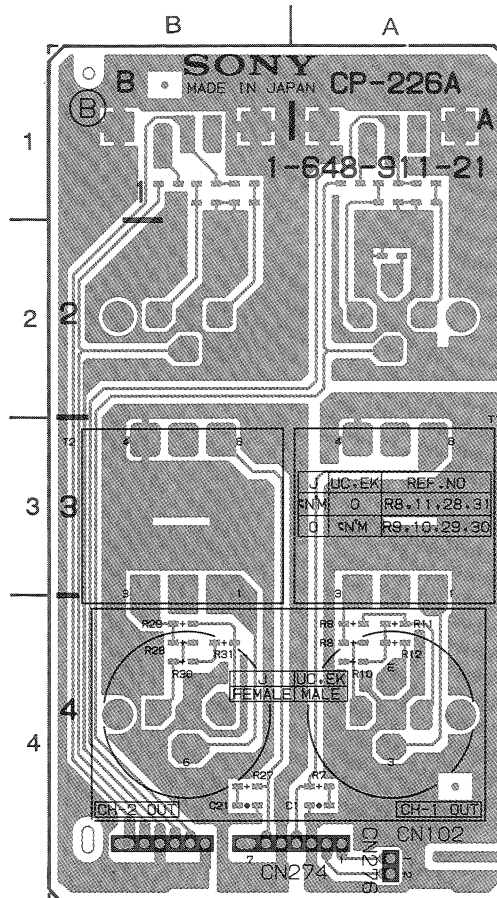
CP-226/226J 1-648-911-11, 12 A SIDE



CP-226/226J 1-648-911-11, 12 B SIDE

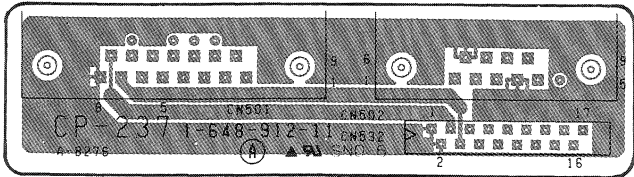


CP-226A/226AJ 1-648-911-21, 22 A SIDE

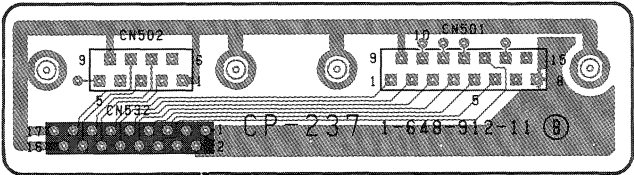


CP-226A/226AJ 1-648-911-21, 22 B SIDE

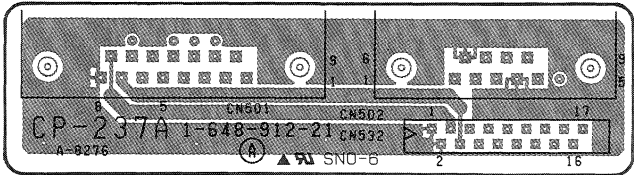
CP-237 ; TBC/9P REMOTE CONNECTOR
CP-237A ; TBC/9P REMOTE CONNECTOR



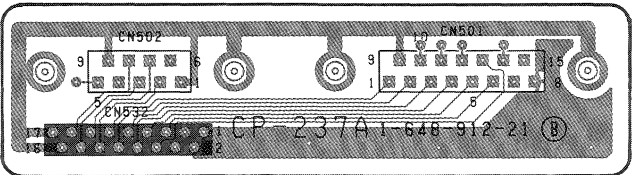
CP-237 1-648-912-11, 12 A SIDE



CP-237 1-648-912-11, 12 B SIDE



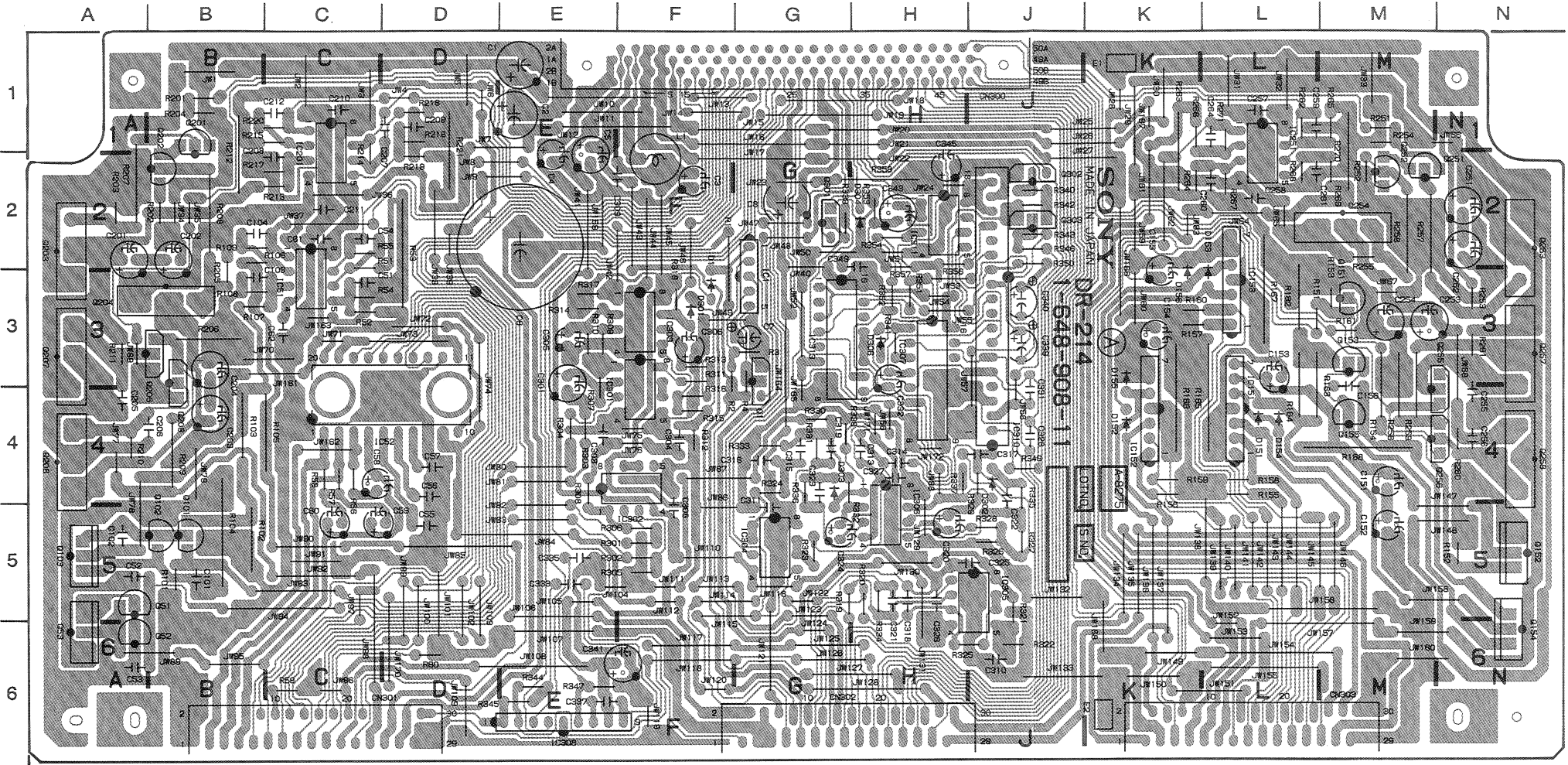
CP-237A 1-648-912-21 A SIDE



CP-237A 1-648-912-21 B SIDE

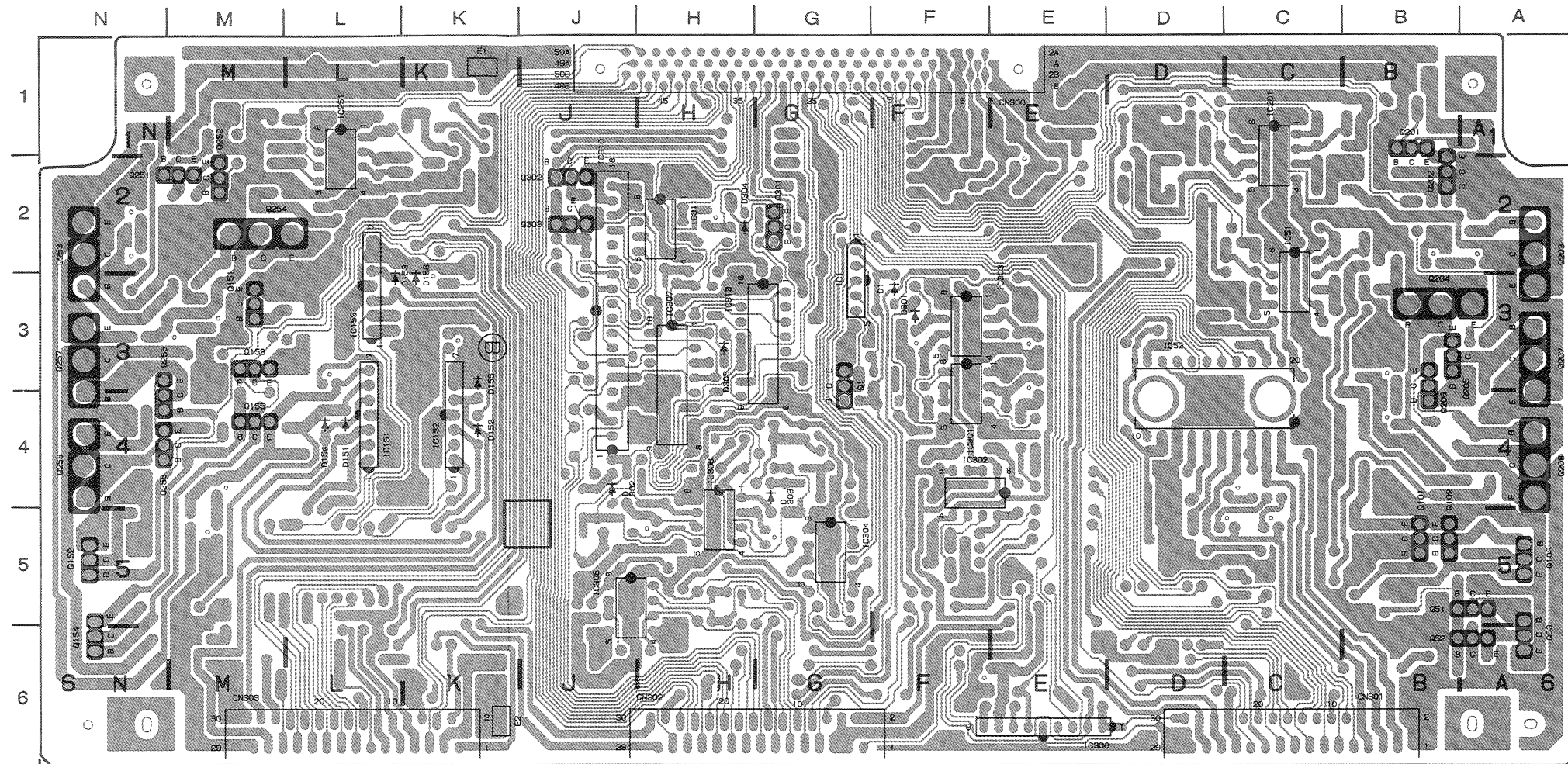
DR-214 ; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL REC/PB AMP.

DR-214 (1-648-908-11, 12)



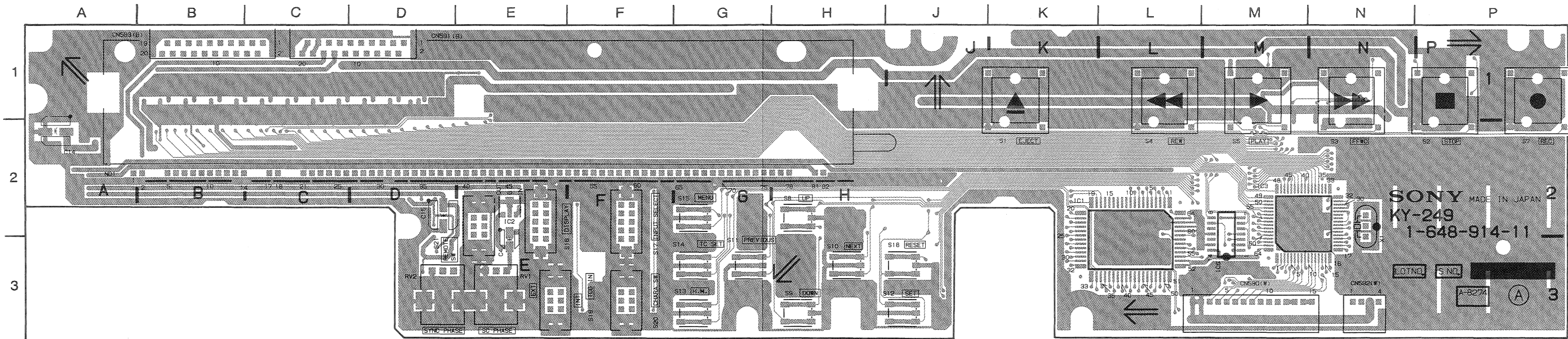
DR-214 1-648-908-11, 12 A SIDE

- CN300 H-1
- CN301 C-5
- CN302 H-5
- CN303 L-5
- D1 G-2
- D151 L-3
- D152 K-3
- D153 L-2
- D154 M-3
- D155 K-3
- D156 L-2
- D301 G-2
- D302 J-4
- D303 H-4
- D304 H-2
- D306 H-3
- E1 K-1
- E2 K-5
- IC1 G-2
- IC51 C-2
- IC52 D-3
- IC151 L-4
- IC152 L-4
- IC153 L-2
- IC201 C-1
- IC251 L-1
- IC301 F-3
- IC302 F-4
- IC303 F-2
- IC304 G-4
- IC305 J-5
- IC306 H-4
- IC307 J-2
- IC308 E-5
- IC310 J-3
- IC311 J-1
- IC313 H-2
- Q1 G-3
- Q51 B-5
- Q52 B-5
- Q53 B-5
- Q101 B-4
- Q102 B-4
- Q103 B-4
- Q151 M-2
- Q152 N-4
- Q153 M-3
- Q154 N-5
- Q155 M-3
- Q201 B-1
- Q202 B-1
- Q203 B-2
- Q204 B-2
- Q205 B-3
- Q206 B-3
- Q207 B-3
- Q208 B-4
- Q251 N-1
- Q252 N-1
- Q253 N-2
- Q254 M-2
- Q255 N-3
- Q256 N-3
- Q257 N-3
- Q258 N-4
- Q301 H-2
- Q302 K-1
- Q303 K-2

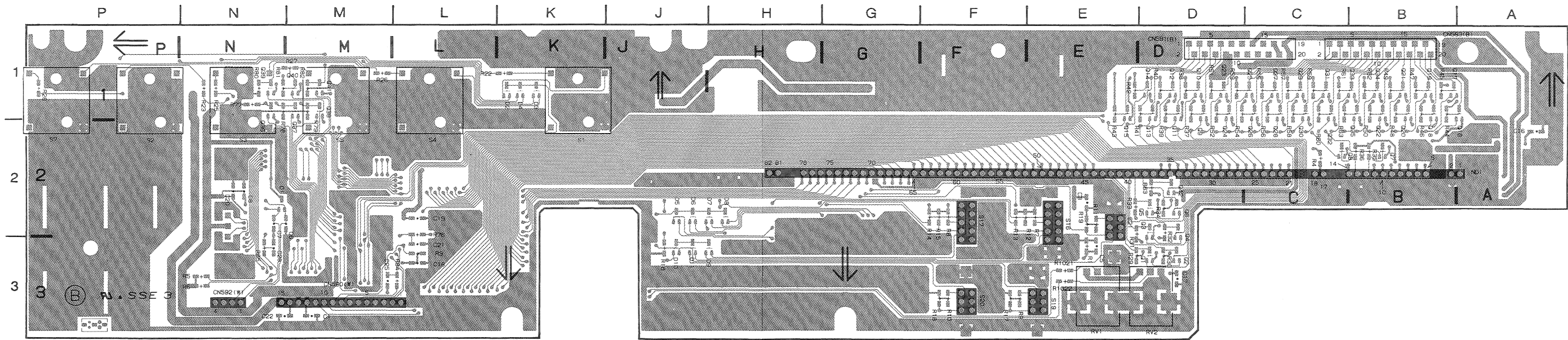


DR-214 1-648-908-11, 12 B SIDE

KY-249; FUNCTION KEY



KY-249 1-648-914-11 A SIDE



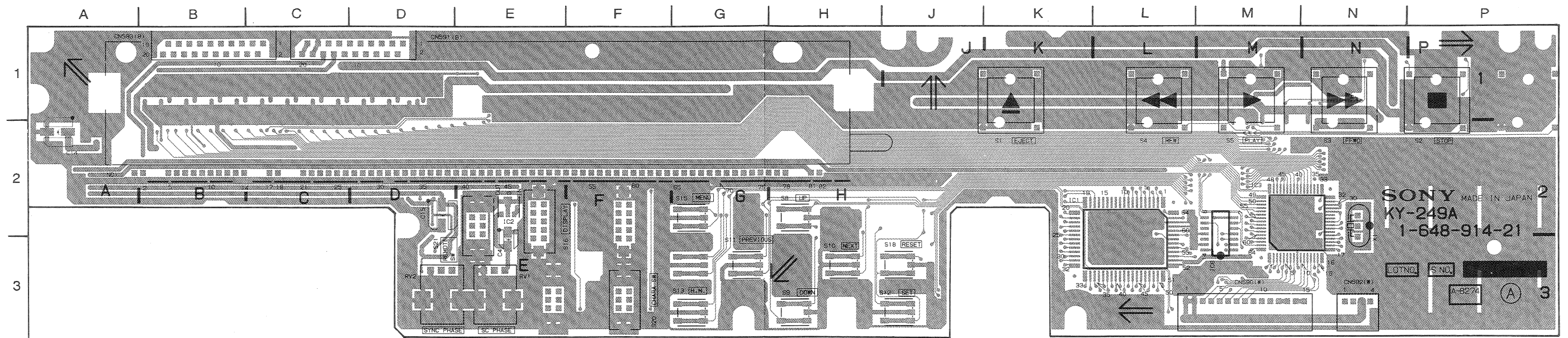
KY-249 1-648-914-11 B SIDE

KY-249(1-648-914-11)

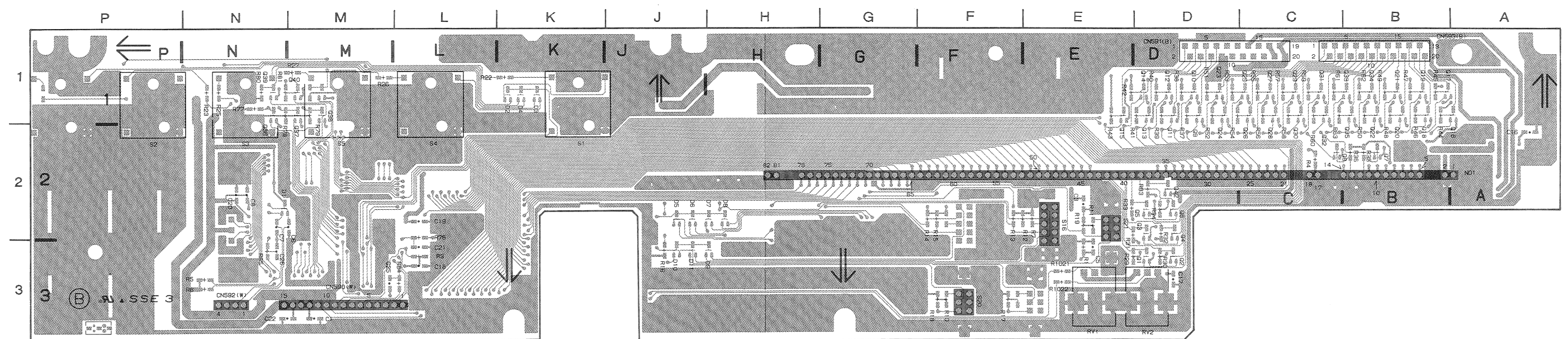
CN590	M-3	S8	H-2
CN591	D-1	S9	H-3
CN592	N-3	S10	H-3
CN593	B-1	S11	G-3
		S12	J-3
*D1	N-2	S13	G-3
*D2	K-1	S14	G-3
*D3	K-1	S15	G-2
*D4	K-1	S16	E-2
*D5	J-2	S17	F-2
*D6	J-2	S18	J-3
*D7	H-2	S19	E-3
*D8	H-2	S20	F-3
*D9	H-3	S21	E-2
*D10	J-3		
*D11	J-3	X1	N-2
IC1	L-3		
IC2	E-2		
IC3	M-2		
IC6	M-3		
ND1	E-2		
*Q1	D-3		
*Q2	D-3		
*Q3	D-2		
*Q4	D-2		
*Q5	D-2		
*Q6	D-2		
*Q7	B-2		
*Q8	C-2		
*Q9	D-1		
*Q10	D-1		
*Q11	D-1		
*Q12	D-1		
*Q13	D-1		
*Q14	D-1		
*Q15	E-1		
*Q16	A-1		
*Q17	B-1		
*Q18	B-1		
*Q19	B-1		
*Q20	B-1		
*Q21	B-1		
*Q22	B-1		
*Q23	D-1		
*Q24	D-1		
*Q25	C-1		
*Q26	C-1		
*Q27	C-1		
*Q28	C-1		
*Q29	C-1		
*Q30	C-1		
*Q31	C-1		
*Q32	C-1		
*Q33	B-1		
*Q34	B-1		
*Q35	B-1		
*Q36	N-1		
*Q37	M-1		
*Q38	M-1		
*Q39	N-1		
*Q40	M-1		
*Q41	M-1		
*Q42	D-2		
RV1	E-3		
RV2	D-3		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S7	P-1		

*: B SIDE

KY-249A; FUNCTION KEY



KY-249A 1-648-914-21 A SIDE



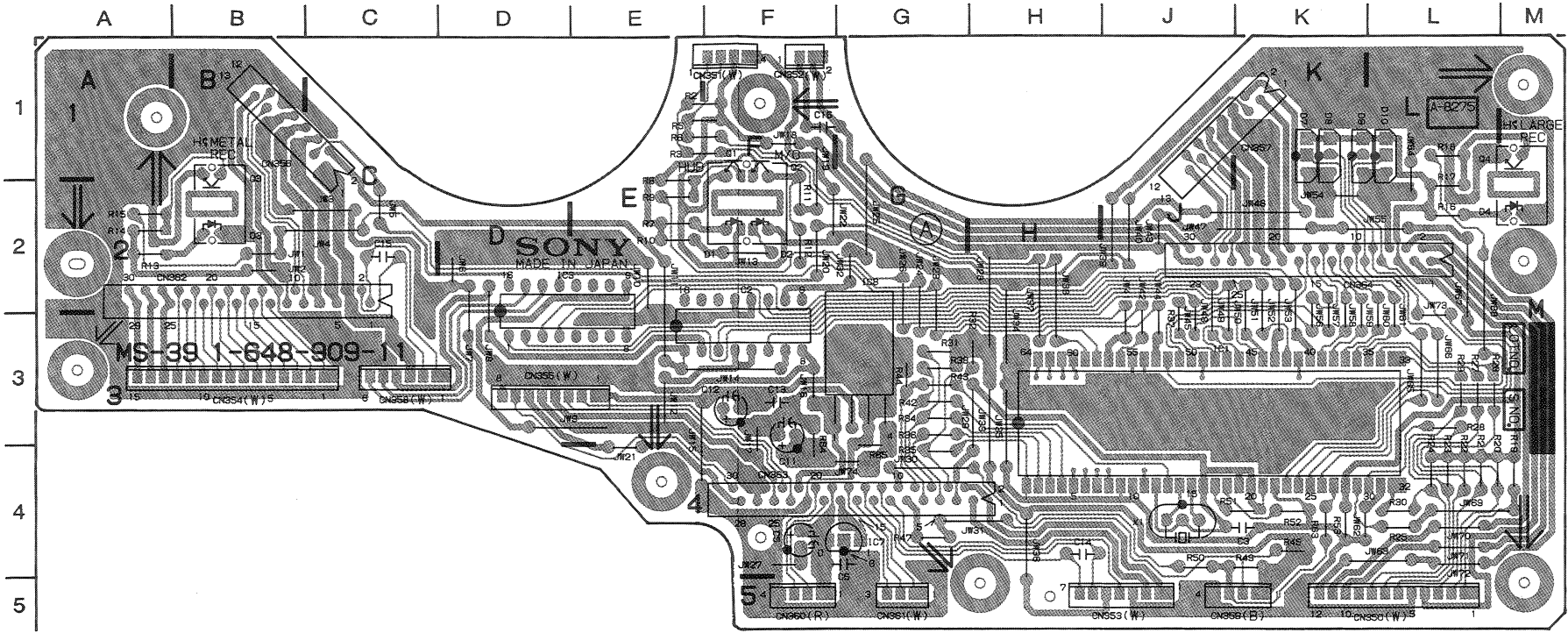
KY-249A 1-648-914-21 B SIDE

KY-249A(1-648-914-21)

CN590	M-3	S10	H-3
CN591	D-1	S11	G-3
CN592	N-3	S12	J-3
CN593	B-1	S13	G-3
		S15	G-2
*D1	N-2	S16	E-2
*D2	K-1	S18	J-3
*D3	K-1	S20	F-3
*D4	K-1	S21	E-2
*D5	J-2		
*D6	J-2	X1	N-2
*D7	H-2		
*D8	H-2		
*D9	H-3		
*D10	J-3		
*D11	J-3		
IC1	L-3		
IC2	E-2		
IC3	M-2		
IC6	M-3		
ND1	E-2		
*Q1	D-3		
*Q2	D-3		
*Q3	D-2		
Q4	D-2		
*Q5	D-2		
*Q6	D-2		
*Q7	B-2		
*Q8	C-2		
*Q9	D-1		
*Q10	D-1		
*Q11	D-1		
*Q12	D-1		
*Q13	D-1		
*Q14	D-1		
*Q15	E-1		
*Q16	A-1		
*Q17	B-1		
*Q18	B-1		
*Q19	B-1		
*Q20	B-1		
*Q21	B-1		
*Q22	B-1		
*Q23	D-1		
*Q24	D-1		
*Q25	C-1		
*Q26	C-1		
*Q27	C-1		
*Q28	C-1		
*Q29	C-1		
*Q30	C-1		
*Q31	C-1		
*Q32	C-1		
*Q33	B-1		
*Q34	B-1		
*Q35	B-1		
*Q36	N-1		
*Q37	M-1		
*Q38	M-1		
*Q39	N-1		
*Q40	M-1		
*Q42	D-2		
RV1	E-3		
RV2	D-3		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S8	H-2		
S9	H-3		

*: B SIDE

MS-39/39A ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE



MS-39/39A 1-648-909-11, 12 A SIDE

MS-39/39A (1-648-909-11, 12)

- CN350 L-5
- CN351 F-1
- CN352 F-1
- CN353 J-5
- CN354 B-3
- CN355 D-3
- CN356 B-1
- CN357 J-1
- CN358 C-3
- CN359 K-5
- CN360 F-5
- CN361 G-5
- CN362 B-2
- CN363 G-4
- CN364 K-2

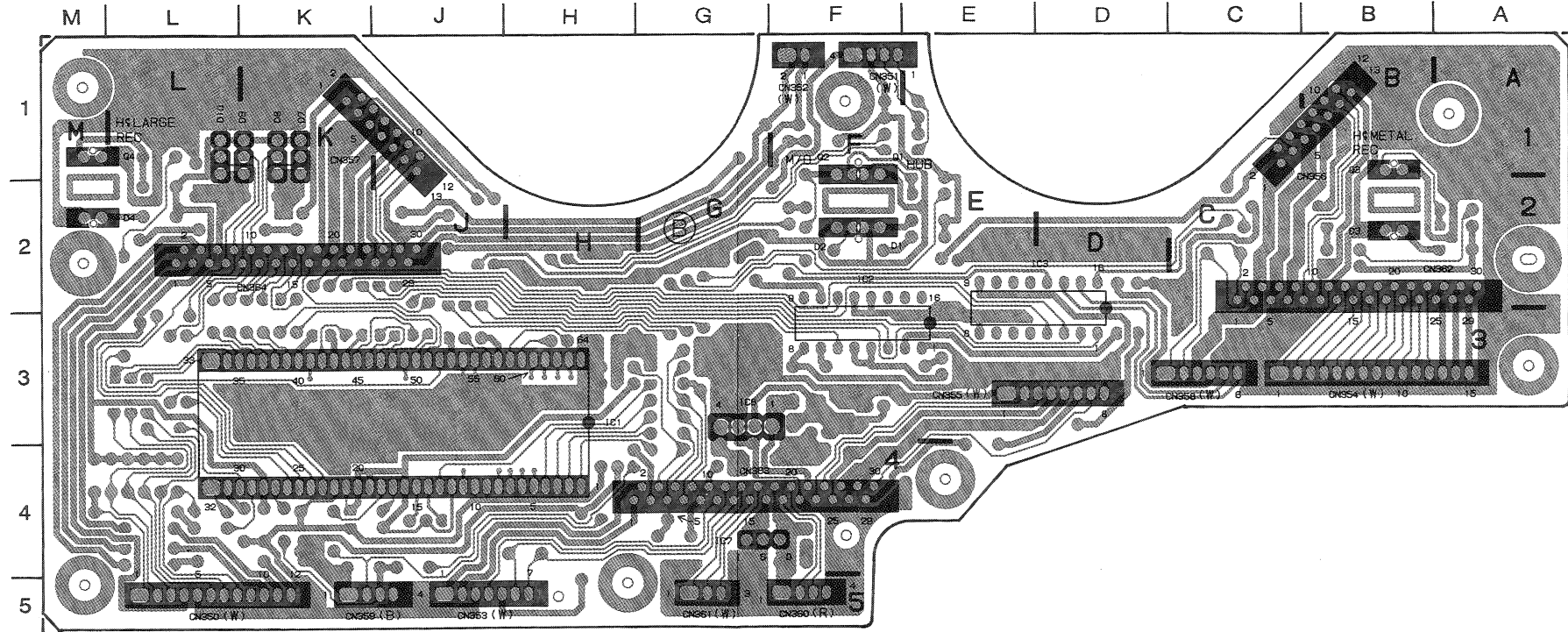
- D1 F-2
- D2 F-2
- D3 B-2
- D4 M-2
- D7 K-1
- D8 K-1
- D9 K-1
- D10 L-1

- IC1 H-4
- IC2 E-3
- IC3 D-3
- IC7 G-4
- IC8 G-3

- Q1 F-1
- Q2 F-1
- Q3 B-1
- Q4 M-1

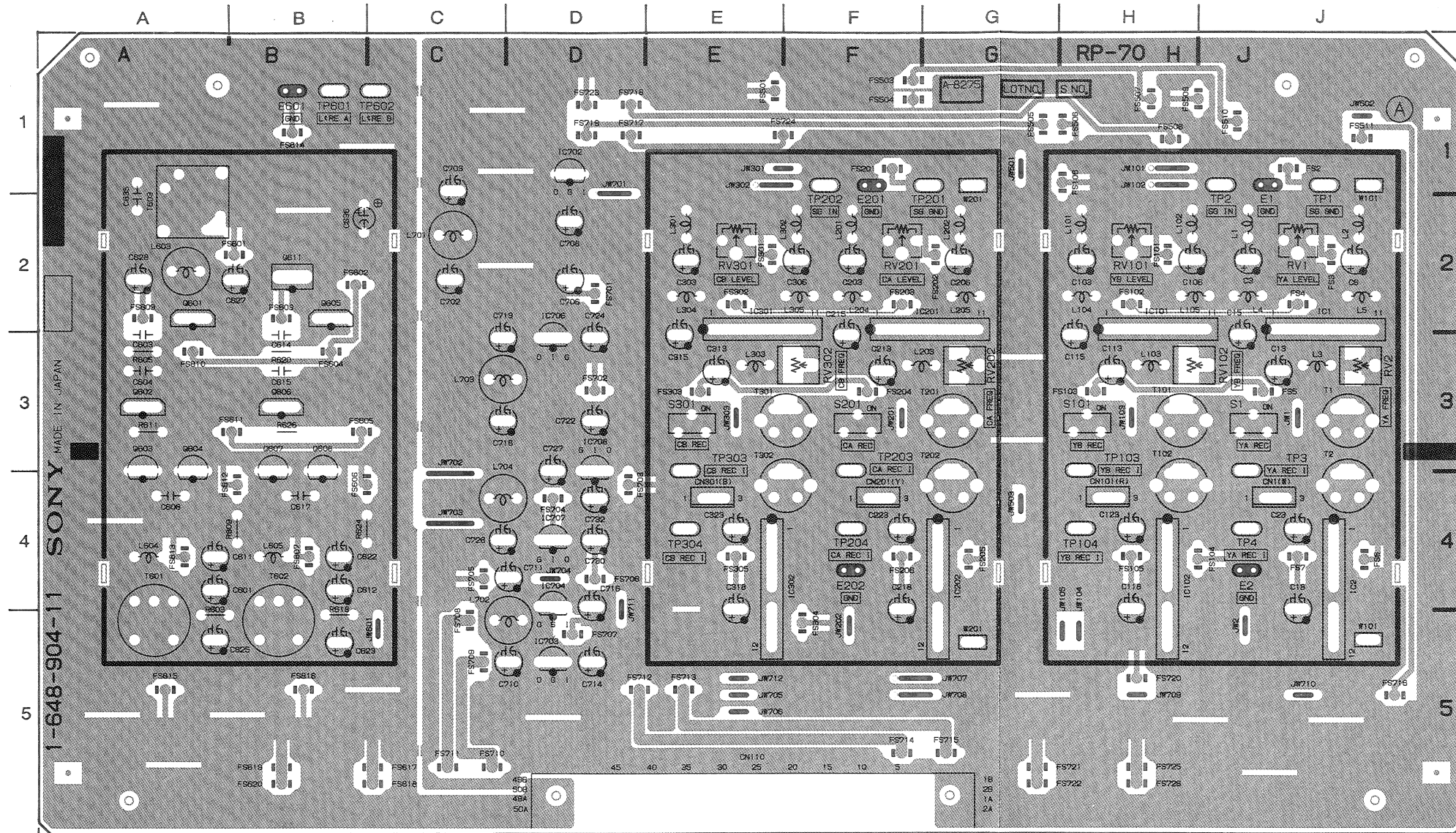
- X1 J-4

UVW-1800/1800P ONLY



MS-39/39A 1-648-909-11, 12 B SIDE

RP-70/70P ; RF REC/PB AMP., ROTARY ERASE OSC., FULL ERASE OSC.

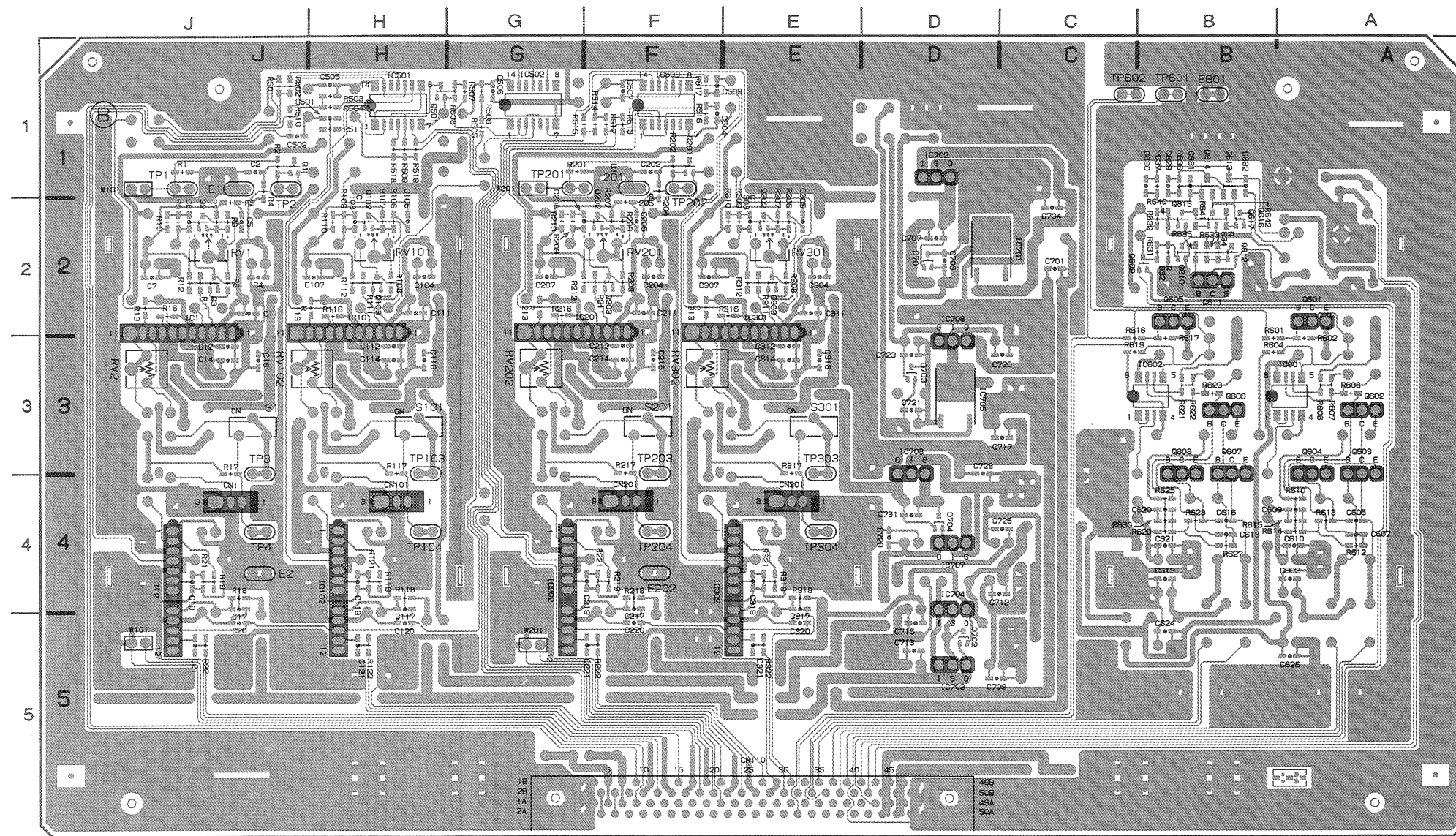


RP-70 1-648-904-11 A SIDE

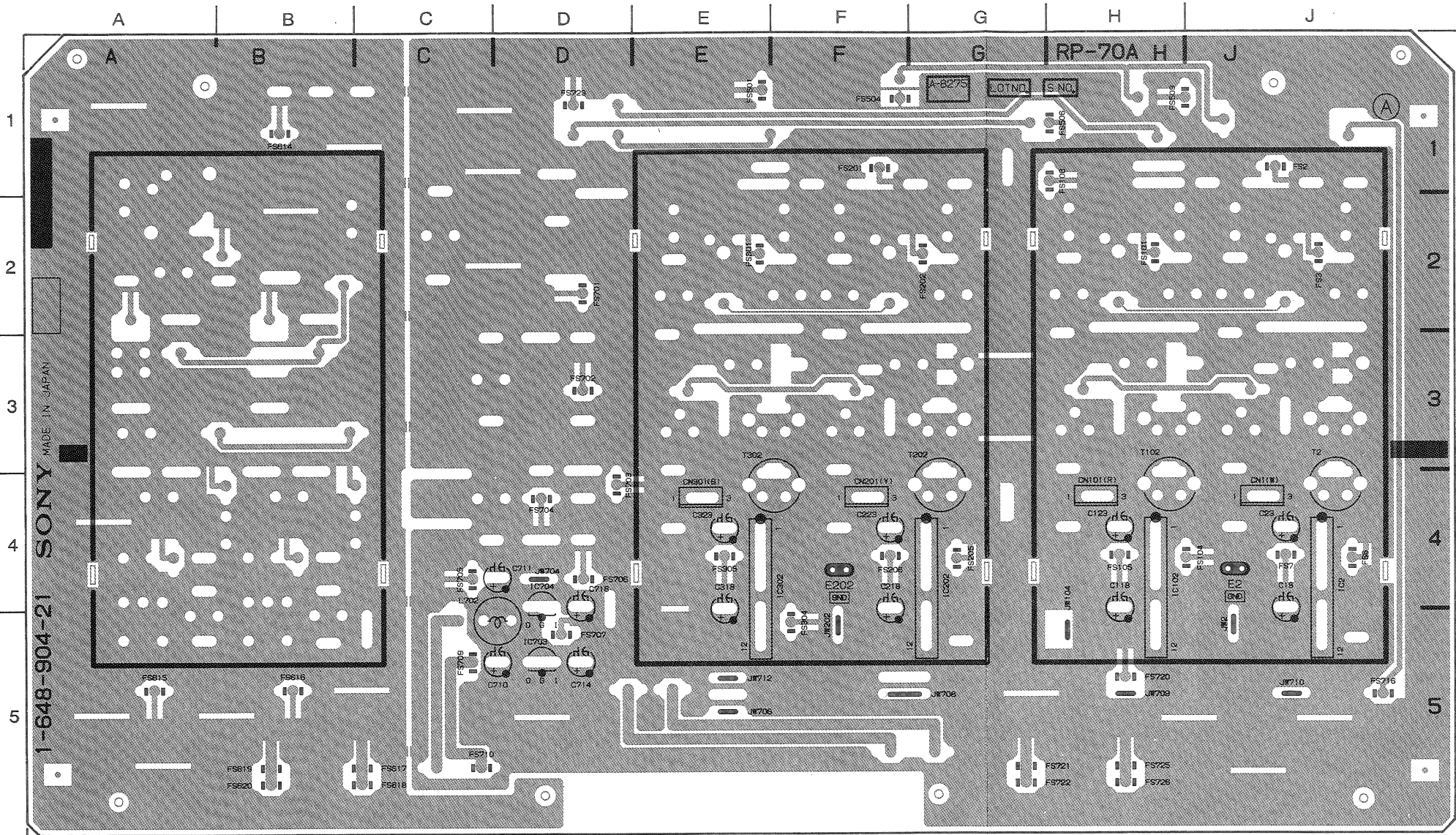
RP-70(1-648-904-11)

CN1	J-4	FS708	C-5	RV202	G-3
CN101	H-4	FS709	C-5	RV301	E-2
CN110	E-5	FS710	C-5	RV302	F-3
CN201	F-4	FS711	C-5		
CN301	E-4	FS712	D-5	S1	J-3
		FS713	E-5	S101	H-3
*D701	D-2	FS714	F-5	S201	F-3
*D702	D-5	FS715	G-5	S301	E-3
*D703	D-3	FS716	J-5		
*D704	D-4	FS717	D-1	TP1	J-1
		FS718	D-1	TP2	J-1
E1	J-1	FS719	D-1	TP3	J-3
E2	J-4	FS720	H-5	TP4	J-4
E201	F-1	FS721	G-5	TP103	H-3
E202	F-4	FS722	G-5	TP104	H-4
E601	B-1	FS723	D-1	TP201	G-1
		FS724	E-1	TP202	F-1
FS2	J-1	FS725	H-5	TP203	F-3
FS3	J-2	FS726	H-5	TP204	F-4
FS4	J-2			TP303	E-3
FS5	J-3	IC1	J-2	TP304	E-4
FS6	J-4	IC2	J-4	TP601	B-1
FS7	J-4	IC101	H-2	TP602	C-1
FS101	H-2	IC102	H-4		
FS102	H-2	IC201	F-2		
FS103	H-3	IC202	G-4		
FS104	H-4	IC301	E-2		
FS105	H-4	IC302	E-4		
FS106	H-1	*IC501	H-1		
FS201	F-1	*IC502	G-1		
FS202	G-2	*IC503	F-1		
FS203	F-2	*IC601	A-3		
FS204	F-3	*IC602	B-3		
FS205	G-4	*IC701	D-2		
FS206	F-4	IC702	D-1		
FS301	E-2	IC703	D-5		
FS302	E-2	IC704	D-4		
FS303	E-3	*IC705	D-3		
FS304	F-5	IC706	D-3		
FS305	E-4	IC707	D-4		
FS501	E-1	IC708	D-3		
FS503	F-1				
FS504	F-1	*Q1	J-1		
FS505	G-1	*Q2	J-2		
FS506	H-1	*Q3	J-2		
FS507	H-1	*Q102	H-2		
FS508	H-1	*Q103	H-2		
FS509	H-1	*Q201	F-1		
FS510	J-1	*Q202	F-2		
FS511	J-1	*Q203	F-2		
FS601	B-2	*Q302	E-2		
FS602	B-2	*Q303	E-2		
FS603	B-2	*Q501	H-1		
FS604	B-3	Q601	A-2		
FS605	B-3	Q602	A-3		
FS606	B-4	Q603	A-3		
FS607	B-4	Q604	A-3		
FS609	A-2	Q605	B-2		
FS610	A-3	Q606	B-3		
FS611	B-3	Q607	B-3		
FS612	B-4	Q608	B-3		
FS613	A-4	*Q609	B-2		
FS614	B-1	*Q610	B-2		
FS615	A-5	Q611	B-2		
FS616	B-5	*Q612	B-2		
FS617	C-5	*Q613	B-1		
FS618	C-5	*Q614	B-1		
FS619	B-5	*Q615	B-2		
FS620	B-5	*Q616	B-2		
FS701	D-2	*Q617	B-2		
FS702	D-3				
FS703	D-4	RV1	J-2		
FS704	D-4	RV2	J-3		
FS705	C-4	RV101	H-2		
FS706	D-4	RV102	H-3		
FS707	D-5	RV201	F-2		

* : B SIDE



RP-70A/70AP ; RF PB AMP.



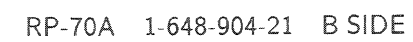
RP-70A 1-648-904-21 A SIDE

RP-70A(1-648-904-21)

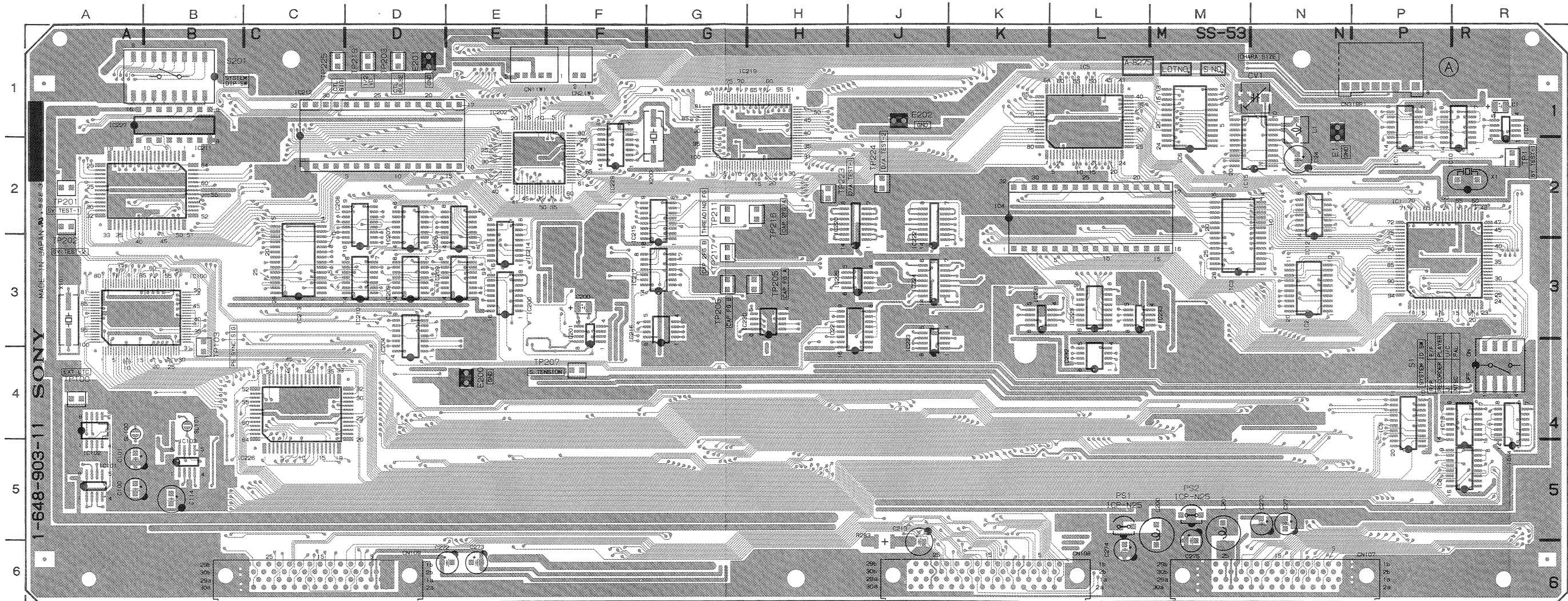
CN1	J-4
CN101	H-4
CN110	E-5
CN201	F-4
CN301	E-4
*D702	D-5
E2	J-4
E202	F-4
FS2	J-1
FS3	J-2
FS6	J-4
FS7	J-4
FS101	H-2
FS104	H-4
FS105	H-4
FS106	H-1
FS201	F-1
FS202	G-2
FS205	G-4
FS206	F-4
FS301	E-2
FS304	F-5
FS305	E-4
FS501	E-1
FS504	F-1
FS506	H-1
FS509	H-1
FS614	B-1
FS615	A-5
FS616	B-5
FS617	C-5
FS618	C-5
FS619	B-5
FS620	B-5
FS701	D-2
FS702	D-3
FS703	D-4
FS704	D-4
FS705	C-4
FS706	D-4
FS707	D-5
FS709	C-5
FS710	C-5
FS716	J-5
FS720	H-5
FS721	G-5
FS722	G-5
FS723	D-1
FS725	H-5
FS726	H-5

IC2	J-4
IC102	H-4
IC202	G-4
IC302	E-4
IC703	D-5
IC704	D-4

* : B SIDE



SS-53 ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



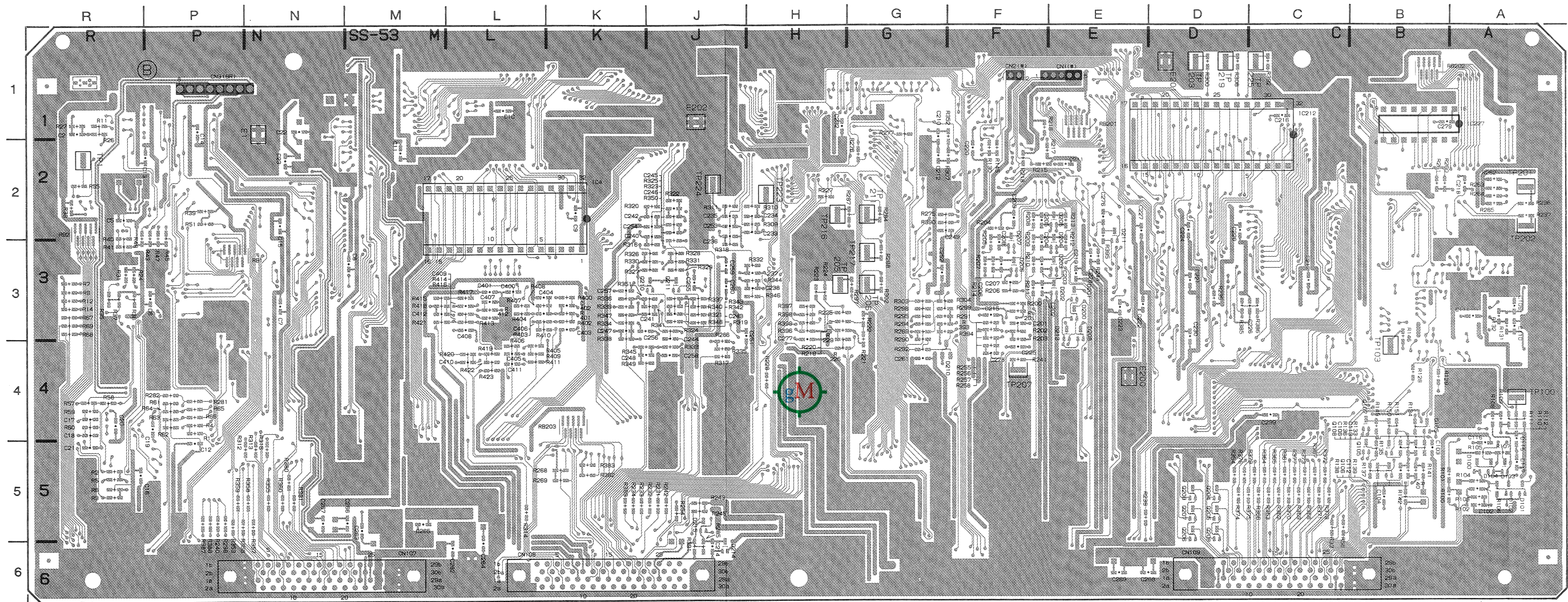
SS-53 1-648-903-11 A SIDE

SS-53(1-648-903-11)

CNI4	K-3	IC223	J-4
CNI212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
CV1	N-1	IC233	M-3
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	R-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

* : B SIDE

SS-53 ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



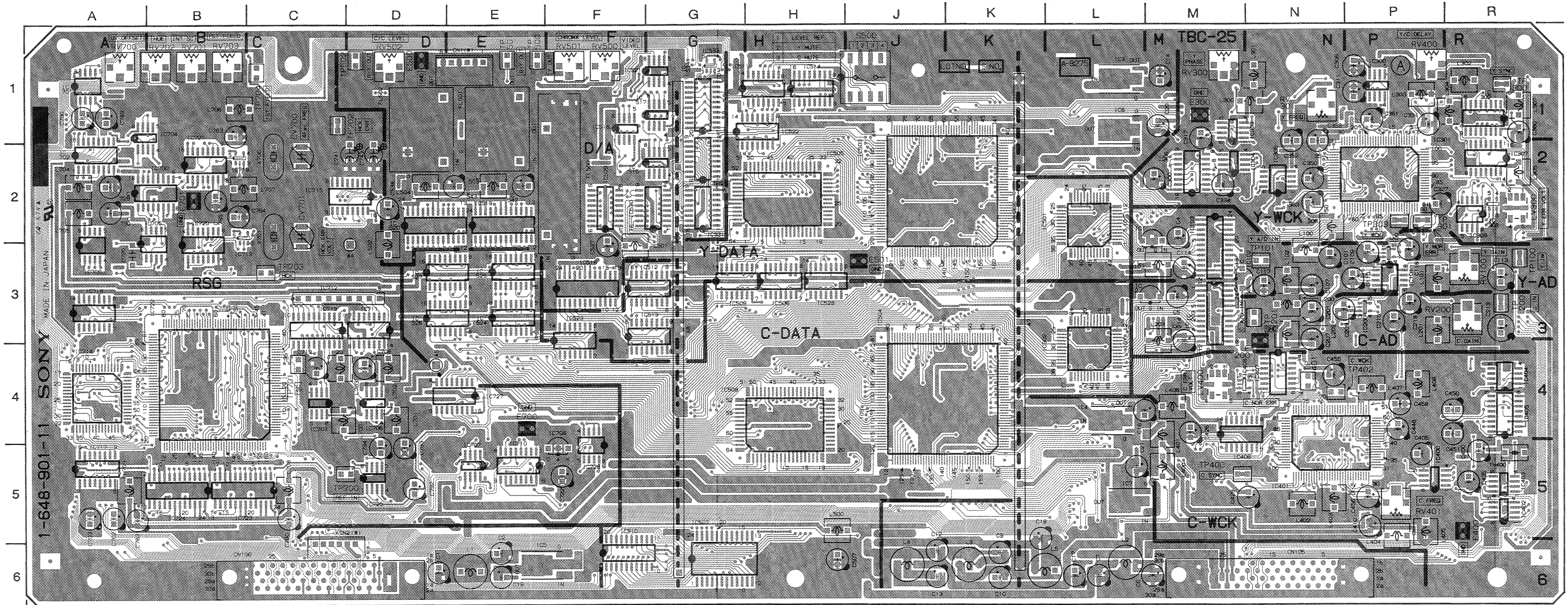
SS-53 1-648-903-11 B SIDE

SS-53(1-648-903-11)

CNI4	K-3	IC223	J-4
CNI212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
CV1	N-1	IC233	M-3
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	R-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

*: B SIDE

TBC-25/25P ; TIME BASE CORRECTOR, CTDM(EXPAND)



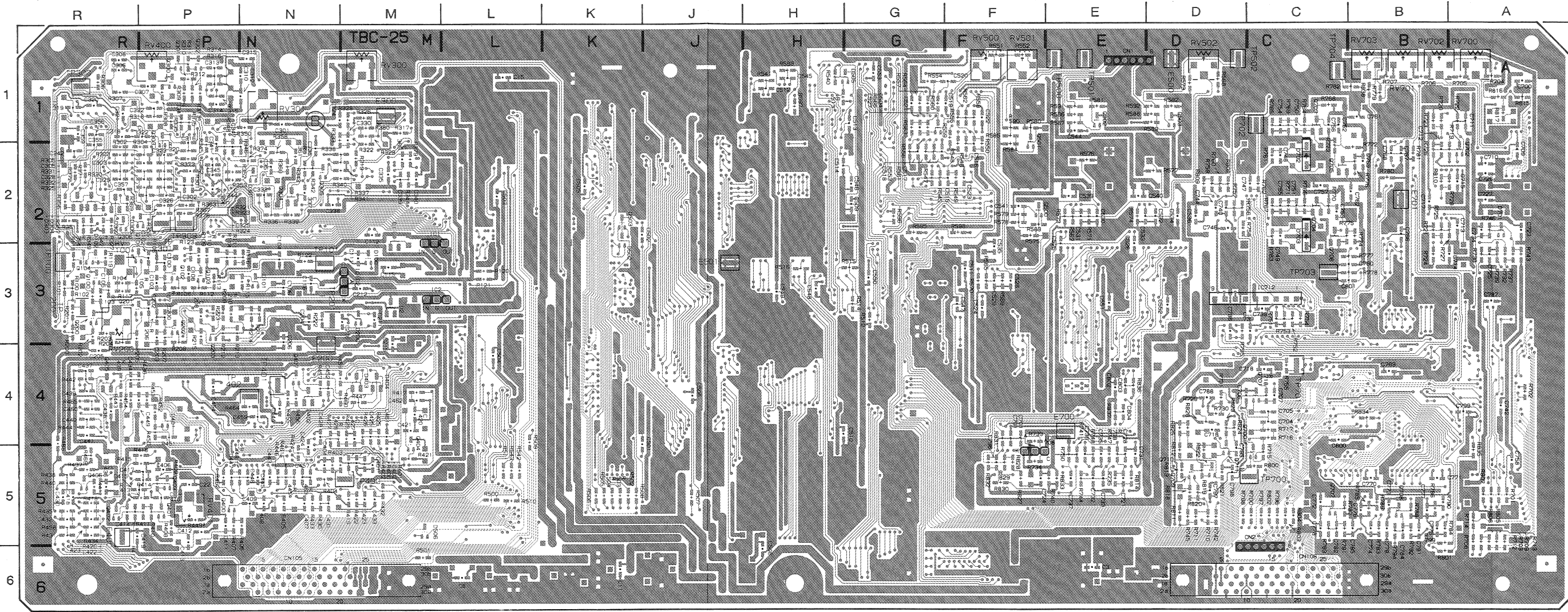
TBC-25 1-648-901-11, 12 A SIDE

TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	○ IC409	N N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P P-2	IC513	F-4	*Q403	P-5		
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P M-5	IC523	F-4	*Q701	C-4		
○*D506	N L-5	IC524	E-3	*Q702	A-2		
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N F-2	*Q707	C-5		
E300	M-1	IC530	N G-2	*Q708	B-5		
E400	R-5	IC531	N G-2	*Q709	D-5		
E500	D-1	IC532	N G-2	*Q710	D-5		
E501	J-3	IC533	N G-1	*Q711	D-5		
E700	E-4	IC534	N G-1				
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P A-1		
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N E-4	TP401	N-4		
IC309	P R-2	○ IC728	B-3	TP402	N-4		
○ IC310	N-2			TP500	E-1		
IC400	R-5	LV300	R-2	TP501	E-1		
IC401	N-5	LV400	M-4	TP502	D-1		
IC402	R-5			TP700	C-5		
IC403	R-5	*Q100	R-3	TP701	C-4		

* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

TBC-25/25P ; TIME BASE CORRECTOR, CTDM(EXPAND)



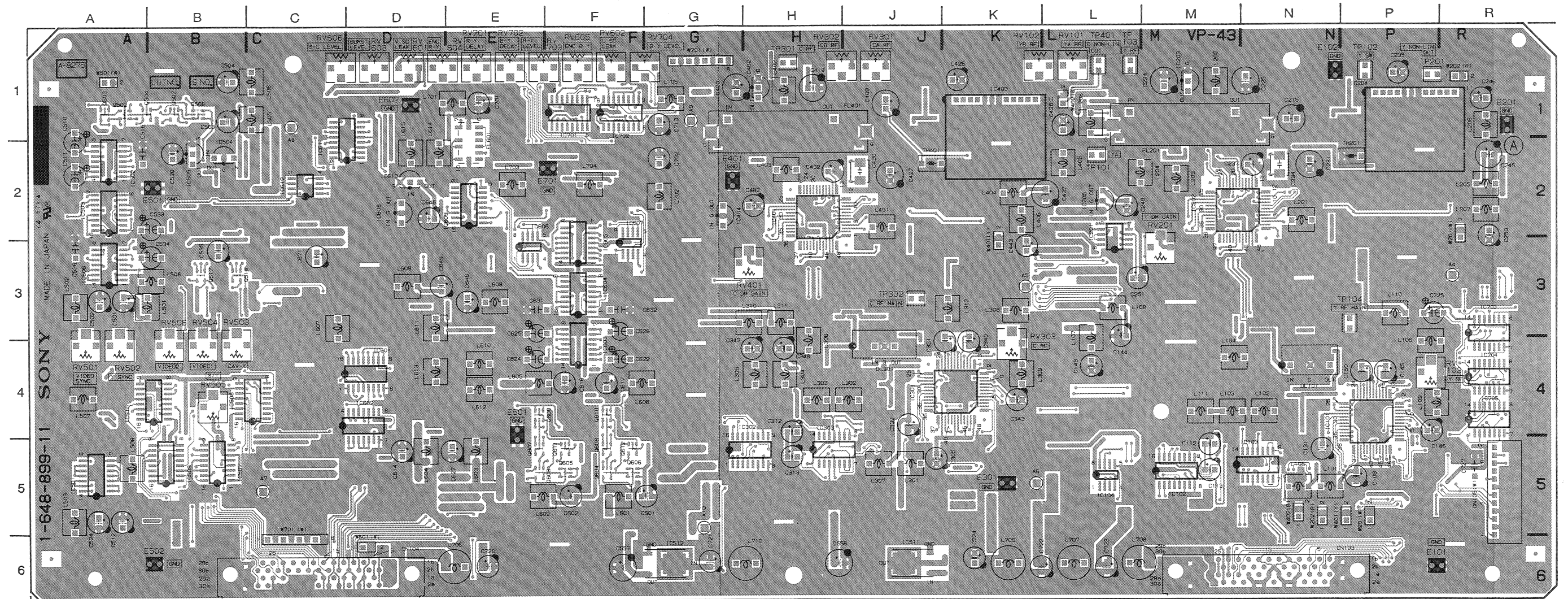
TBC-25 1-648-901-11,12 B SIDE

TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	IC409	N N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P P-2	IC513	F-4	*Q403	P-5		
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P M-5	IC523	F-4	*Q701	C-4		
○*D506	N L-5	IC524	E-3	*Q702	A-2		
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N F-2	*Q707	C-5		
E300	M-1	IC530	N G-2	*Q708	B-5		
E400	R-5	IC531	N G-2	*Q709	D-5		
E500	D-1	IC532	N G-2	*Q710	D-5		
E501	J-3	IC533	N G-1	*Q711	D-5		
E700	E-4	IC534	N G-1				
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P A-1		
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N E-4	TP401	N-4		
IC309	P R-2	IC728	B-3	TP402	N-4		
○ IC310	N-2			TP500	E-1		
IC400	R-5	LV300	R-2	TP501	E-1		
IC401	N-5	LV400	M-4	TP502	D-1		
IC402	R-5			TP700	C-5		
IC403	R-5	*Q100	R-3	TP701	C-4		

* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

VP-43/43A/43P/43AP ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



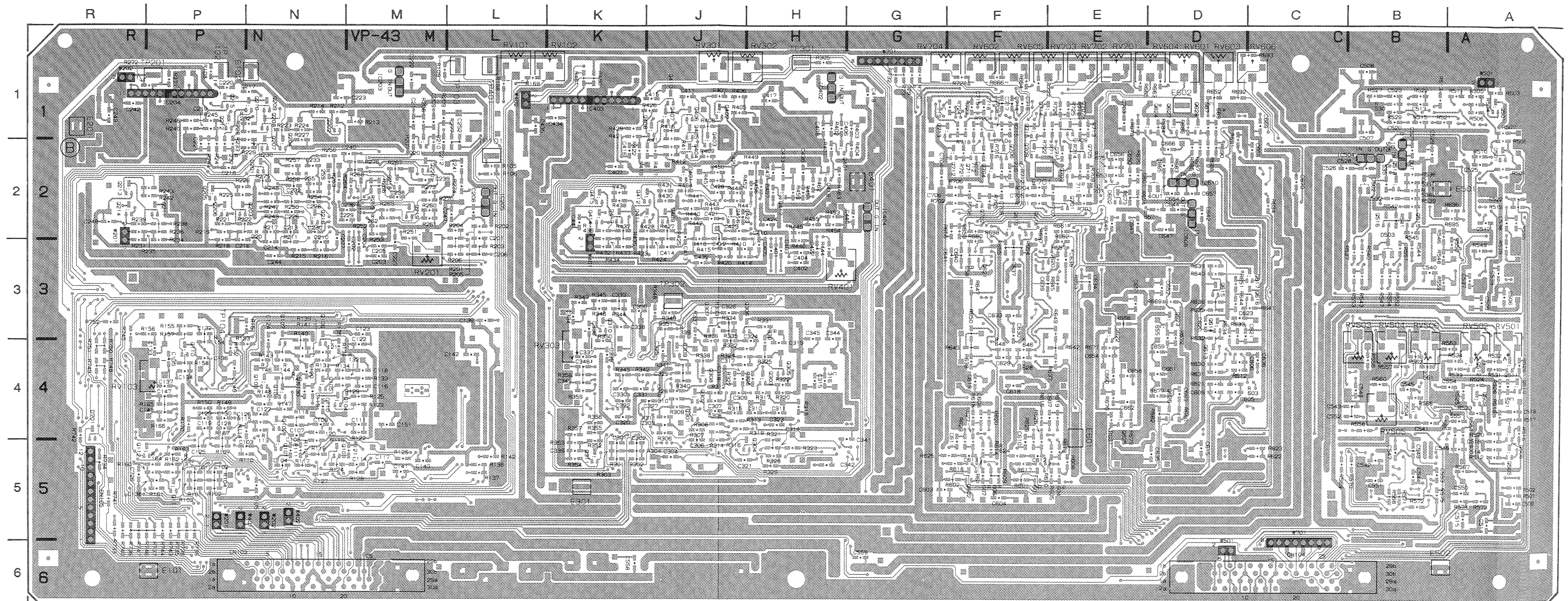
VP-43/43A 1-648-899-11, 12 A SIDE

VP-43/43A(1-648-899-11, 12)

CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	◎ TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	● *TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
E201	R-1	*Q203	P-2	Q610	F-4		
E301	K-5	*Q204	N-2	Q611	F-5		
E401	G-2	*Q205	P-2	Q612	F-5		
E501	B-2	*Q206	P-2	*Q613	D-4		
E502	B-6	*Q207	N-2	*Q614	D-3		
E601	E-4	*Q208	N-1	*Q615	D-3		
E602	D-1	*Q209	N-1	*Q616	C-3		
E701	F-2	*Q210	N-1	*Q617	C-3		
		*Q211	P-2	*Q618	F-2		
FL201	M-1	*Q212	P-1	*Q619	F-2		
FL401	H-1	*Q213	R-2	*Q620	F-3		
FL601	E-2	*Q214	R-2	*Q621	F-3		
		*Q215	P-1	*Q622	E-3		
IC101	P-4	*Q216	N-2	*Q623	D-3		
IC102	M-5	*Q217	M-2	*Q624	D-1		
IC103	N-5	*Q218	M-2	*Q625	E-4		
IC104	L-5	*Q219	M-2	*Q626	D-4		
IC201	L-3	*Q220	M-2	*Q627	D-1		
IC202	M-2	*Q301	J-4	*Q628	D-1		
IC203	M-1	*Q302	J-4	*Q701	E-2		
IC204	P-1	*Q303	H-4	*Q702	F-2		
IC205	L-2	*Q304	H-5	*Q703	E-2		
IC301	K-4	*Q305	H-4	*Q704	F-2		
IC302	G-5	*Q306	H-3	*Q705	E-2		
IC303	H-5	*Q307	J-3	*Q706	F-2		
IC401	H-2	*Q308	J-4	*Q707	E-1		
IC402	H-1	*Q309	J-4	*Q708	F-1		
IC403	K-1	*Q310	K-3	*Q709	F-2		
IC404	G-2	*Q311	K-5	*Q710	F-1		
IC501	A-5	*Q401	H-2	*Q711	F-2		
IC502	A-2	*Q402	J-1	*Q712	F-2		
IC503	A-2	*Q403	J-1	*Q713	F-1		
IC504	B-2	*Q404	J-2	*Q714	E-1		
IC505	B-2	*Q405	J-1				
IC506	A-3	*Q406	J-1	RV101	L-1		
IC507	B-5	*Q407	J-1	RV102	K-1		
IC508	C-4	*Q408	J-1	RV103	P-4		
IC509	B-5	*Q409	J-2	RV201	M-3		
IC510	B-4	*Q410	J-1	RV301	J-1		
IC511	J-6	*Q411	J-2	RV302	H-1		
IC512	G-6	*Q412	J-2	RV303	K-4		
IC601	D-4	*Q413	K-2	RV401	H-3		
IC602	D-4	*Q414	K-2	RV501	A-4		
IC603	F-4	*Q415	K-2	RV502	A-4		
IC604	F-3	*Q416	J-2	RV503	B-4		
IC605	F-3	*Q417	H-2	RV504	B-4		
IC606	E-3	*Q418	H-2	RV505	B-4		
IC607	F-3	*Q501	A-1	RV506	B-4		
IC608	D-2	Q502	A-1	RV601	D-1		
IC609	E-2	Q503	A-1	RV602	F-1		
IC610	D-2	Q504	A-1	RV603	D-1		
IC611	D-2	*Q505	A-5	RV604	D-1		
IC612	C-2	*Q506	A-4	RV605	F-1		
IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
_ : UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

VP-43/43A/43P/43AP ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



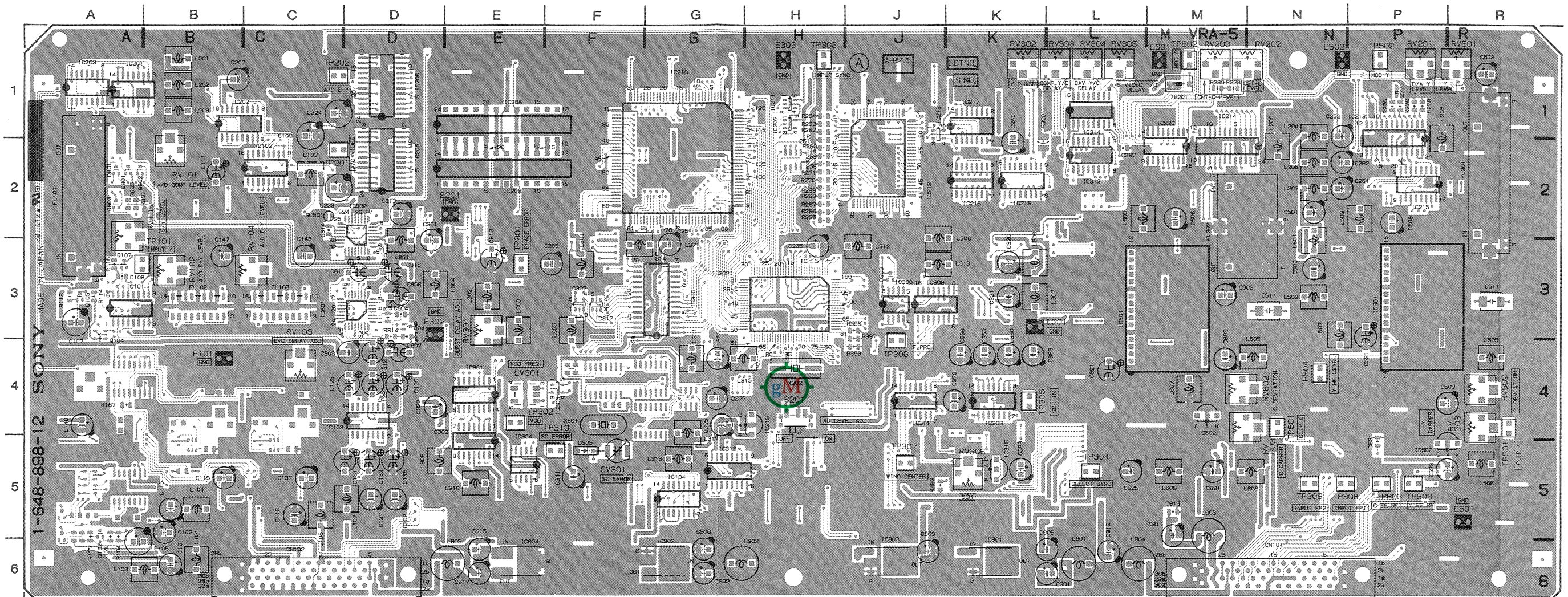
VP-43/43A 1-648-899-11,12 B SIDE

VP-43/43A(1-648-899-11, 12)

CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	◎ TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	● *TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
E201	R-1	*Q203	P-2	Q610	F-4		
E301	K-5	*Q204	N-2	Q611	F-5		
E401	G-2	*Q205	P-2	Q612	F-5		
E501	B-2	*Q206	P-2	*Q613	D-4		
E502	B-6	*Q207	N-2	*Q614	D-3		
E601	E-4	*Q208	N-1	*Q615	D-3		
E602	D-1	*Q209	N-1	*Q616	C-3		
E701	F-2	*Q210	N-1	*Q617	C-3		
		*Q211	P-2	*Q618	F-2		
FL201	M-1	*Q212	P-1	*Q619	F-2		
FL401	H-1	*Q213	R-2	*Q620	F-3		
FL601	E-2	*Q214	R-2	*Q621	F-3		
		*Q215	P-1	*Q622	E-3		
IC101	P-4	*Q216	N-2	*Q623	D-3		
IC102	M-5	*Q217	M-2	*Q624	D-1		
IC103	N-5	*Q218	M-2	*Q625	E-4		
IC104	L-5	*Q219	M-2	*Q626	D-4		
IC201	L-3	*Q220	M-2	*Q627	D-1		
IC202	M-2	*Q301	J-4	*Q628	D-1		
IC203	M-1	*Q302	J-4	*Q701	E-2		
IC204	P-1	*Q303	H-4	*Q702	F-2		
IC205	L-2	*Q304	H-5	*Q703	E-2		
IC301	K-4	*Q305	H-4	*Q704	F-2		
IC302	G-5	*Q306	H-3	*Q705	E-2		
IC303	H-5	*Q307	J-3	*Q706	F-2		
IC401	H-2	*Q308	J-4	*Q707	E-1		
IC402	H-1	*Q309	J-4	*Q708	F-1		
IC403	K-1	*Q310	K-3	*Q709	F-2		
IC404	G-2	*Q311	K-5	*Q710	F-1		
IC501	A-5	*Q401	H-2	*Q711	F-2		
IC502	A-2	*Q402	J-1	*Q712	F-2		
IC503	A-2	*Q403	J-1	*Q713	F-1		
IC504	B-2	*Q404	J-2	*Q714	E-1		
IC505	B-2	*Q405	J-1				
IC506	A-3	*Q406	J-1	RV101	L-1		
IC507	B-5	*Q407	J-1	RV102	K-1		
IC508	C-4	*Q408	J-1	RV103	P-4		
IC509	B-5	*Q409	J-2	RV201	M-3		
IC510	B-4	*Q410	J-1	RV301	J-1		
IC511	J-6	*Q411	J-2	RV302	H-1		
IC512	G-6	*Q412	J-2	RV303	K-4		
IC601	D-4	*Q413	K-2	RV401	H-3		
IC602	D-4	*Q414	K-2	RV501	A-4		
IC603	F-4	*Q415	K-2	RV502	A-4		
IC604	F-3	*Q416	J-2	RV503	B-4		
IC605	F-3	*Q417	H-2	RV504	B-4		
IC606	E-3	*Q418	H-2	RV505	B-4		
IC607	F-3	*Q501	A-1	RV506	B-4		
IC608	D-2	Q502	A-1	RV601	D-1		
IC609	E-2	Q503	A-1	RV602	F-1		
IC610	D-2	Q504	A-1	RV603	D-1		
IC611	D-2	*Q505	A-5	RV604	D-1		
IC612	C-2	*Q506	A-4	RV605	F-1		
IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

VRA-5/5P ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-12 A SIDE

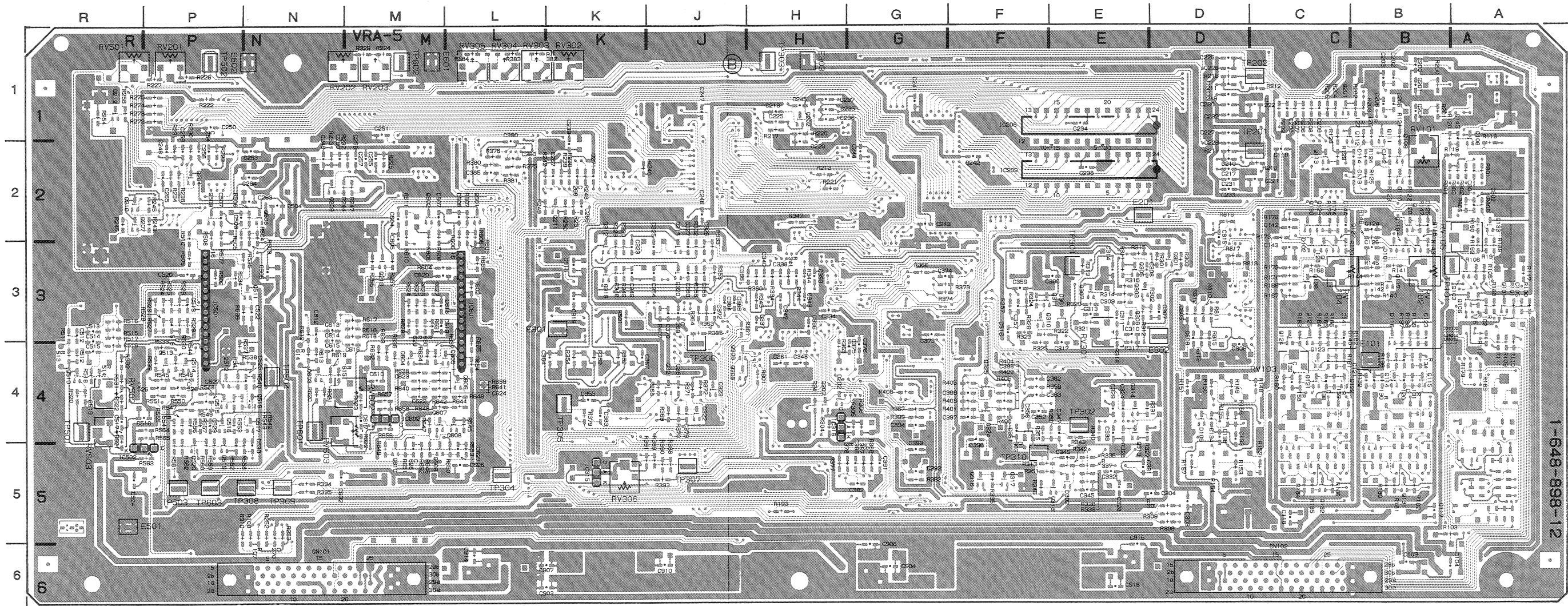
UVW-1800 (J) ; Serial No. 10901 and higher
 UVW-1800 (UC) ; Serial No. 13931 and higher
 UVW-1800P(EK) ; Serial No. 14141 and higher

VRA-5 (1-648-898-12)

CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
CV301	F-5	IC801	N D-3	*Q509	P-2
		IC802	N D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
		IC902	G-6	*Q512	P-4
*D101	B-3	IC903	J-6	*Q513	P-4
*D102	C-3	IC904	E-6	*Q514	P-4
*D109	D-4			*Q515	P-4
*D202	H-4			*Q516	N-4
*D301	E-3	LV301	E-4	*Q517	N-4
*D302	P F-4			*Q518	P-4
*D303	F-4	*Q101	A-3	*Q519	P-5
D305	F-5	Q102	A-5	*Q520	P-5
D306	J-3	*Q103	A-3	*Q601	L-2
*D307	P E-3	Q104	A-3	*Q602	M-2
D801	N A-2	Q105	A-3	*Q603	N-4
		*Q106	A-3	*Q604	M-4
E101	B-4	Q107	A-3	*Q605	M-4
E201	E-2	*Q108	A-1	*Q606	L-4
E301	K-3	*Q109	B-2	*Q607	M-4
E302	D-3	*Q110	B-2	*Q608	L-4
E303	H-1	*Q111	B-1	*Q609	M-5
E501	R-5	*Q112	C-1	*Q610	M-5
E502	N-1	*Q113	C-2	Q801	N A-2
E601	M-1	*Q114	B-4	Q802	N A-2
		*Q115	B-4	Q803	N A-2
FB201	K-2	*Q116	B-3	Q804	N D-3
		*Q117	B-3		
FL101	A-2	*Q118	B-3	RV101	B-2
FL102	B-3	*Q119	B-3	RV102	B-3
FL103	C-3	*Q120	B-2	RV103	C-4
FL201	R-2	*Q121	C-4	RV104	C-3
FL202	N-2	*Q122	C-4	RV105	A-2
		*Q123	C-4	RV201	P-1
IC101	A-3	*Q124	C-3	RV202	N-1
IC102	C-2	*Q125	C-3	RV203	M-1
IC103	D-4	*Q126	C-3	RV301	E-3
IC104	G-5	*Q127	C-3	RV302	K-1
IC201	A-1	*Q128	C-3	RV303	L-1
IC202	B-1	*Q129	C-2	RV304	L-1
IC203	A-1	*Q130	C-2	RV305	L-1
IC205	D-2	*Q131	B-5	RV306	K-5
IC206	D-1	*Q132	C-5	RV501	R-1
IC207	H-1	*Q133	A-2	RV502	R-4
IC208	E-2	*Q201	C-1	RV503	R-4
IC209	E-2	*Q202	H-1	RV602	M-4
IC210	G-2	*Q203	H-4	RV603	M-4
IC211	H-1	*Q204	P-2		
IC212	J-2	*Q207	R-2		
IC213	P-1	*Q209	N-2	S201	H-4
IC214	N-1	*Q210	R-2		
IC215	P-2	*Q211	K-2	TH201	N M-1
IC216	K-2	*Q212	R-1		
IC217	N K-2	*Q213	M-3	TP101	A-3
IC218	K-2	*Q301	D-3	TP201	C-2
IC219	N J-1	*Q303	E-3	TP202	C-1
IC220	M-1	*Q305	E-3	TP301	E-3
IC301	E-4	*Q306	E-3	TP302	E-4
IC302	H-3	*Q307	E-3	TP303	H-1
IC303	E-4	*Q308	J-4	TP304	L-5
IC304	E-5	*Q309	J-4	TP305	K-4
IC305	F-4	*Q310	F-3	TP306	J-4
IC306	K-4	*Q311	F-3	TP307	J-5
IC307	F-3	*Q312	K-3	TP308	N-5
IC308	J-3	*Q313	E-4	TP309	N-5
IC309	J-3	*Q314	E-4	TP310	F-5
IC310	G-3	*Q315	J-3	TP501	R-4
IC311	J-4	*Q316	F-5	TP502	P-1
IC312	L-2	*Q317	F-5	TP503	P-5
IC313	G-5	*Q318	E-5	TP504	N-4
IC314	L-1	*Q319	K-3	TP601	N-4
IC315	K-5	*Q320	J-3	TP602	M-1
IC316	H-4	*Q321	J-4	TP603	P-5
IC317	F-3	*Q322	J-4		
IC501	P-4	*Q323	J-4	X301	F-4
IC502	R-5	*Q324	F-4	X302	H-4

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

VRA-5/5P ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-12 B SIDE

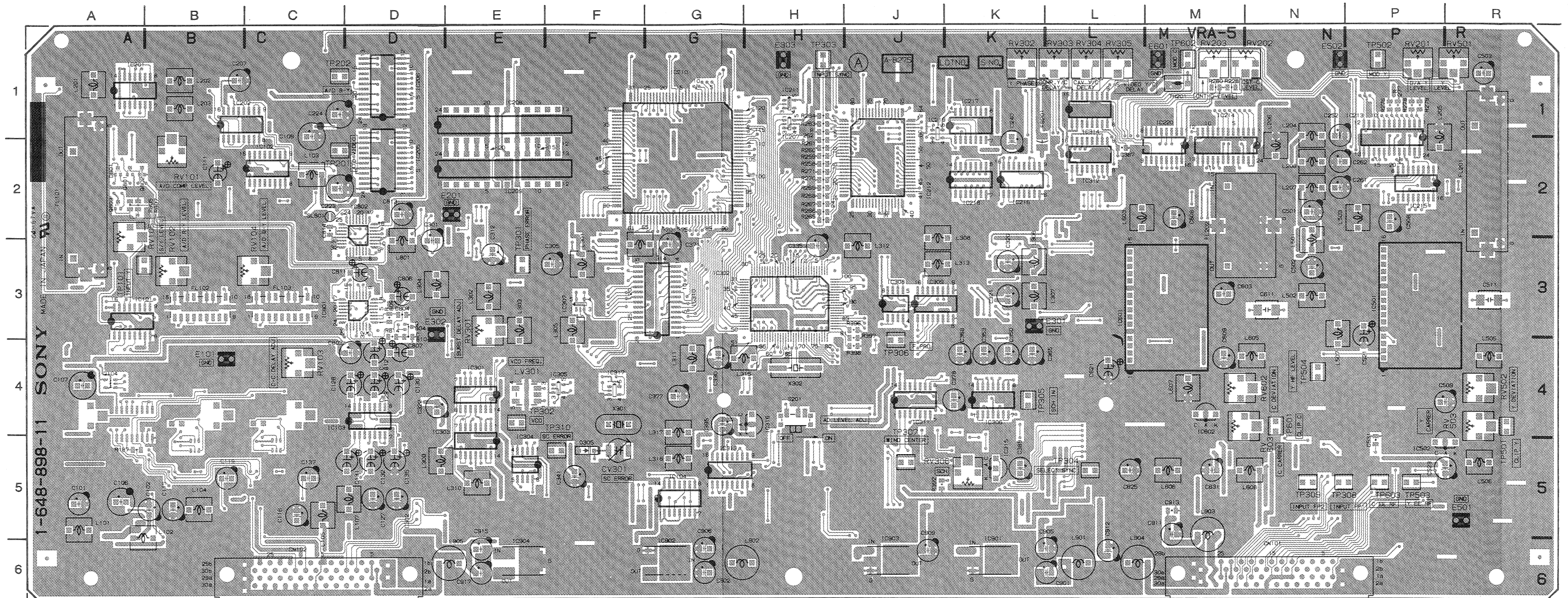
UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK) ; Serial No. 14141 and higher

VRA-5 (1-648-898-12)

CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
CV301	F-5	IC801	N D-3	*Q509	P-2
		IC802	N D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
		IC902	G-6	*Q512	P-4
*D101	B-3	IC903	J-6	*Q513	P-4
*D102	C-3	IC904	E-6	*Q514	P-4
*D109	D-4			*Q515	P-4
*D202	H-4			*Q516	N-4
*D301	E-3	LV301	E-4	*Q517	N-4
*D302	P F-4			*Q518	P-4
*D303	F-4	*Q101	A-3	*Q519	P-5
D305	F-5	Q102	A-5	*Q520	P-5
D306	J-3	*Q103	A-3	*Q601	L-2
*D307	P E-3	Q104	A-3	*Q602	M-2
D801	N A-2	Q105	A-3	*Q603	N-4
		*Q106	A-3	*Q604	M-4
E101	B-4	Q107	A-3	*Q605	M-4
E201	E-2	*Q108	A-1	*Q606	L-4
E301	K-3	*Q109	B-2	*Q607	M-4
E302	D-3	*Q110	B-2	*Q608	L-4
E303	H-1	*Q111	B-1	*Q609	M-5
E501	R-5	*Q112	C-1	*Q610	M-5
E502	N-1	*Q113	C-2	Q801	N A-2
E601	M-1	*Q114	B-4	Q802	N A-2
		*Q115	B-4	Q803	N A-2
FB201	K-2	*Q116	B-3	Q804	N D-3
		*Q117	B-3		
FL101	A-2	*Q118	B-3	RV101	B-2
FL102	B-3	*Q119	B-3	RV102	B-3
FL103	C-3	*Q120	B-2	RV103	C-4
FL201	R-2	*Q121	C-4	RV104	C-3
FL202	N-2	*Q122	C-4	RV105	A-2
		*Q123	C-4	RV201	P-1
IC101	A-3	*Q124	C-3	RV202	N-1
IC102	C-2	*Q125	C-3	RV203	M-1
IC103	D-4	*Q126	C-3	RV301	E-3
IC104	G-5	*Q127	C-3	RV302	K-1
IC201	A-1	*Q128	C-3	RV303	L-1
IC202	B-1	*Q129	C-2	RV304	L-1
IC203	A-1	*Q130	C-2	RV305	L-1
IC205	D-2	*Q131	B-5	RV306	K-5
IC206	D-1	*Q132	C-5	RV501	R-1
IC207	H-1	*Q133	A-2	RV502	R-4
IC208	E-2	*Q201	C-1	RV503	R-4
IC209	E-2	*Q202	H-1	RV602	M-4
IC210	G-2	*Q203	H-4	RV603	M-4
IC211	H-1	*Q204	P-2		
IC212	J-2	*Q207	R-2		
IC213	P-1	*Q209	N-2	S201	H-4
IC214	N-1	*Q210	R-2		
IC215	P-2	*Q211	K-2	TH201	N M-1
IC216	K-2	*Q212	R-1		
IC217	N K-2	*Q213	M-3	TP101	A-3
IC218	K-2	*Q301	D-3	TP201	C-2
IC219	N J-1	*Q303	E-3	TP202	C-1
IC220	M-1	*Q305	E-3	TP301	E-3
IC301	E-4	*Q306	E-3	TP302	E-4
IC302	H-3	*Q307	E-3	TP303	H-1
IC303	E-4	*Q308	J-4	TP304	L-5
IC304	E-5	*Q309	J-4	TP305	K-4
IC305	F-4	*Q310	F-3	TP306	J-4
IC306	K-4	*Q311	F-3	TP307	J-5
IC307	F-3	*Q312	K-3	TP308	N-5
IC308	J-3	*Q313	E-4	TP309	N-5
IC309	J-3	*Q314	E-4	TP310	F-5
IC310	G-3	*Q315	J-3	TP501	R-4
IC311	J-4	*Q316	F-5	TP502	P-1
IC312	L-2	*Q317	F-5	TP503	P-5
IC313	G-5	*Q318	E-5	TP504	N-4
IC314	L-1	*Q319	K-3	TP601	N-4
IC315	K-5	*Q320	J-3	TP602	M-1
IC316	H-4	*Q321	J-4	TP603	P-5
IC317	F-3	*Q322	J-4		
IC501	P-4	*Q323	J-4	X301	F-4
IC502	R-5	*Q324	F-4	X302	H-4

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

VRA-5/5P ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-11 A SIDE

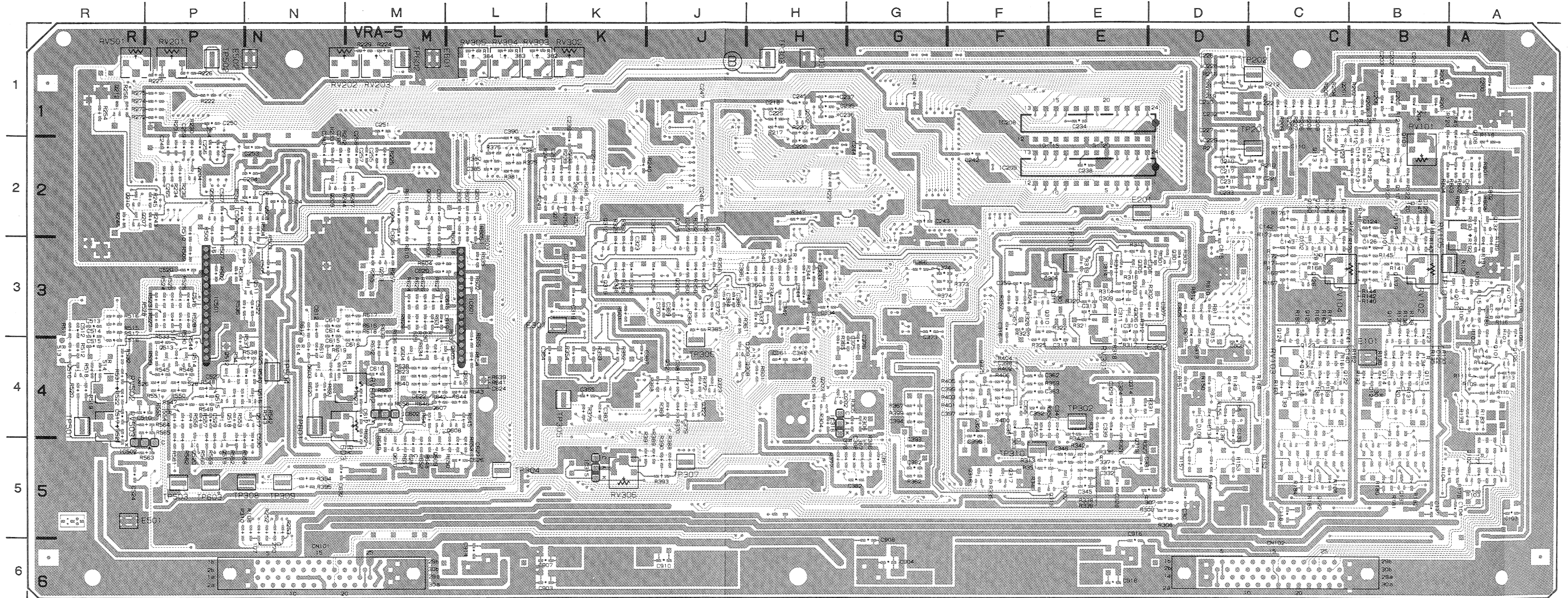
UVW-1800 (J) ; Serial No. 10001 through 10900
 Uvw-1800 (UC) ; Serial No. 10001 through 13930
 UVW-1800P(EK) ; Serial No. 10001 through 14140

VRA-5 (1-648-898-11)

CN101	N-6	IC801	N	D-3	*Q509	P-2
CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
*D101	B-3	IC904		E-6	*Q514	P-4
*D102	C-3				*Q515	P-4
*D109	D-4	LV301		E-4	*Q516	N-4
*D202	H-4				*Q517	N-4
*D301	E-3	*Q101		A-3	*Q518	P-4
*D302	P F-4	*Q102		A-5	*Q519	P-5
*D303	F-4	*Q103		A-3	*Q520	P-5
D305	F-5	Q104		A-4	*Q601	L-2
D306	P J-3	*Q105		A-4	*Q602	M-2
D801	N A-2	*Q106		A-3	*Q603	N-4
		*Q107		A-3	*Q604	M-4
E101	B-4	*Q108		A-1	*Q605	M-4
E201	E-2	*Q109		B-2	*Q606	L-4
E301	K-3	*Q110		B-2	*Q607	M-4
E302	D-3	*Q111		B-1	*Q608	L-4
E303	H-1	*Q112		C-1	*Q609	M-5
E501	R-5	*Q113		C-2	*Q610	M-5
E502	N-1	*Q114		B-4	Q801	N A-2
E601	M-1	*Q115		B-4	Q802	N A-2
		*Q116		B-3	Q803	N A-2
FB201	K-2	*Q117		B-3	Q804	N D-3
		*Q118		B-3		
FL101	A-2	*Q119		B-3	RV101	B-2
FL102	B-3	*Q120		B-2	RV102	B-3
FL103	C-3	*Q121		C-4	RV103	C-4
FL201	R-2	*Q122		C-4	RV104	C-3
FL202	N-2	*Q123		C-4	RV105	A-2
		*Q124		C-3	RV201	P-1
IC101	A-3	*Q125		C-3	RV202	N-1
IC102	C-2	*Q126		C-3	RV203	M-1
IC103	D-4	*Q127		C-3	RV301	E-3
IC104	G-5	*Q128		C-3	RV302	K-1
IC201	A-1	*Q129		C-2	RV303	L-1
IC202	B-1	*Q130		C-2	RV304	L-1
IC205	D-2	*Q131		B-5	RV305	L-1
IC206	D-1	*Q132		C-5	RV306	K-5
IC207	H-1	*Q133		A-2	RV501	R-1
IC208	E-2	*Q201		C-1	RV502	R-4
IC209	E-2	*Q202		H-1	RV503	R-4
IC210	G-2	*Q203		H-4	RV602	M-4
IC211	H-1	*Q204		P-2	RV603	M-4
IC212	J-2	*Q207		R-2		
IC213	P-1	*Q209		N-2	S201	H-4
IC214	N-1	*Q210		R-2		
IC215	P-2	*Q211		K-2	TH201	M-1
IC216	K-2	*Q212		R-1		
IC217	N K-2	*Q213		M-3	TP101	A-3
IC218	K-2	*Q301		D-3	TP201	C-2
IC219	N J-1	*Q303		E-3	TP202	C-1
IC220	M-1	*Q305		E-3	TP301	E-3
IC301	E-4	*Q306		E-3	TP302	E-4
IC302	H-3	*Q307		E-3	TP303	H-1
IC303	E-4	*Q308		J-4	TP304	L-5
IC304	E-5	*Q309		J-4	TP305	K-4
IC305	F-4	*Q310		F-3	TP306	J-4
IC306	K-4	*Q311		F-3	TP307	J-5
IC307	F-3	*Q312		K-3	TP308	N-5
IC308	J-3	*Q313		E-4	TP309	N-5
IC309	J-3	*Q314		E-4	TP310	F-5
IC310	G-3	*Q315		J-3	TP501	R-4
IC311	J-4	*Q316		F-5	TP502	P-1
IC312	L-2	*Q317		F-5	TP503	P-5
IC313	G-5	*Q318		E-5	TP504	N-4
IC314	L-1	*Q319		K-3	TP601	N-4
IC315	K-5	*Q320		J-3	TP602	M-1
IC316	H-4	*Q321		J-4	TP603	P-5
IC317	F-4	*Q322		J-4		
IC501	P-4	*Q323		J-4	X301	F-4
IC502	R-5	*Q324		F-4	X302	H-4
IC601	L-4	*Q325		F-4		
IC602	M-4	*Q508		N-2		

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

VRA-5/5P ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-11 B SIDE

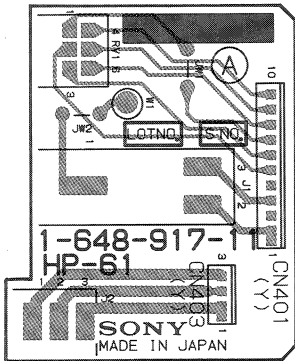
UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK); Serial No. 10001 through 14140

VRA-5 (1-648-898-11)

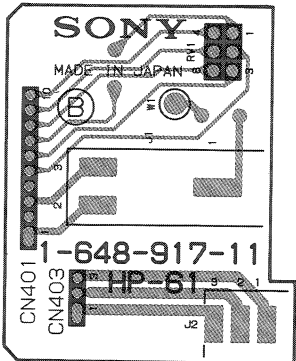
CN101	N-6	IC801	N	D-3	*Q509	P-2
CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
*D101	B-3	IC904		E-6	*Q514	P-4
*D102	C-3				*Q515	P-4
*D109	D-4	LV301		E-4	*Q516	N-4
*D202	H-4				*Q517	N-4
*D301	E-3	*Q101		A-3	*Q518	P-4
*D302	P F-4	*Q102		A-5	*Q519	P-5
*D303	F-4	*Q103		A-3	*Q520	P-5
D305	F-5	Q104		A-4	*Q601	L-2
D306	P J-3	*Q105		A-4	*Q602	M-2
D801	N A-2	*Q106		A-3	*Q603	N-4
		*Q107		A-3	*Q604	M-4
E101	B-4	*Q108		A-1	*Q605	M-4
E201	E-2	*Q109		B-2	*Q606	L-4
E301	K-3	*Q110		B-2	*Q607	M-4
E302	D-3	*Q111		B-1	*Q608	L-4
E303	H-1	*Q112		C-1	*Q609	M-5
E501	R-5	*Q113		C-2	*Q610	M-5
E502	N-1	*Q114		B-4	Q801	N A-2
E601	M-1	*Q115		B-4	Q802	N A-2
		*Q116		B-3	Q803	N A-2
FB201	K-2	*Q117		B-3	Q804	N D-3
		*Q118		B-3		
FL101	A-2	*Q119		B-3	RV101	B-2
FL102	B-3	*Q120		B-2	RV102	B-3
FL103	C-3	*Q121		C-4	RV103	C-4
FL201	R-2	*Q122		C-4	RV104	C-3
FL202	N-2	*Q123		C-4	RV105	A-2
		*Q124		C-3	RV201	P-1
IC101	A-3	*Q125		C-3	RV202	N-1
IC102	C-2	*Q126		C-3	RV203	M-1
IC103	D-4	*Q127		C-3	RV301	E-3
IC104	G-5	*Q128		C-3	RV302	K-1
IC201	A-1	*Q129		C-2	RV303	L-1
IC202	B-1	*Q130		C-2	RV304	L-1
IC205	D-2	*Q131		B-5	RV305	L-1
IC206	D-1	*Q132		C-5	RV306	K-5
IC207	H-1	*Q133		A-2	RV501	R-1
IC208	E-2	*Q201		C-1	RV502	R-4
IC209	E-2	*Q202		H-1	RV503	R-4
IC210	G-2	*Q203		H-4	RV602	M-4
IC211	H-1	*Q204		P-2	RV603	M-4
IC212	J-2	*Q207		R-2		
IC213	P-1	*Q209		N-2	S201	H-4
IC214	N-1	*Q210		R-2		
IC215	P-2	*Q211		K-2	TH201	M-1
IC216	K-2	*Q212		R-1		
IC217	N K-2	*Q213		M-3	TP101	A-3
IC218	K-2	*Q301		D-3	TP201	C-2
IC219	N J-1	*Q303		E-3	TP202	C-1
IC220	M-1	*Q305		E-3	TP301	E-3
IC301	E-4	*Q306		E-3	TP302	E-4
IC302	H-3	*Q307		E-3	TP303	H-1
IC303	E-4	*Q308		J-4	TP304	L-5
IC304	E-5	*Q309		J-4	TP305	K-4
IC305	F-4	*Q310		F-3	TP306	J-4
IC306	K-4	*Q311		F-3	TP307	J-5
IC307	F-3	*Q312		K-3	TP308	N-5
IC308	J-3	*Q313		E-4	TP309	N-5
IC309	J-3	*Q314		E-4	TP310	F-5
IC310	G-3	*Q315		J-3	TP501	R-4
IC311	J-4	*Q316		F-5	TP502	P-1
IC312	L-2	*Q317		F-5	TP503	P-5
IC313	G-5	*Q318		E-5	TP504	N-4
IC314	L-1	*Q319		K-3	TP601	N-4
IC315	K-5	*Q320		J-3	TP602	M-1
IC316	H-4	*Q321		J-4	TP603	P-5
IC317	F-4	*Q322		J-4		
IC501	P-4	*Q323		J-4	X301	F-4
IC502	R-5	*Q324		F-4	X302	H-4
IC601	L-4	*Q325		F-4		
IC602	M-4	*Q508		N-2		

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

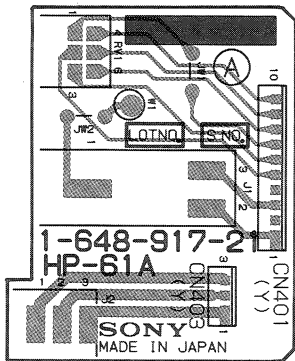
- CL-25 : CASSETTE LOADING BEGIN/NEAR-END SENSOR
- HP-61 : HEADPHONES JACK/VOLUME CONTROL
- HP-61A : HEADPHONES JACK/VOLUME CONTROL
- PC-62 : CASSETTE IN/LARGE CASSETTE SENSOR
- PD-35 : PINCH SOLENOID



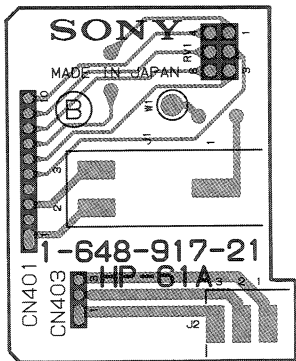
HP-61 1-648-917-11, 12 A SIDE



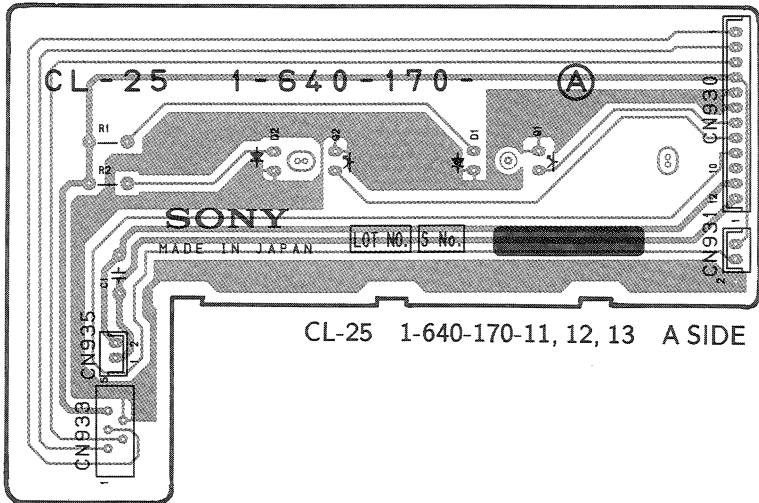
HP-61 1-648-917-11, 12 B SIDE



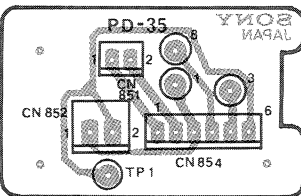
HP-61A 1-648-917-21 A SIDE



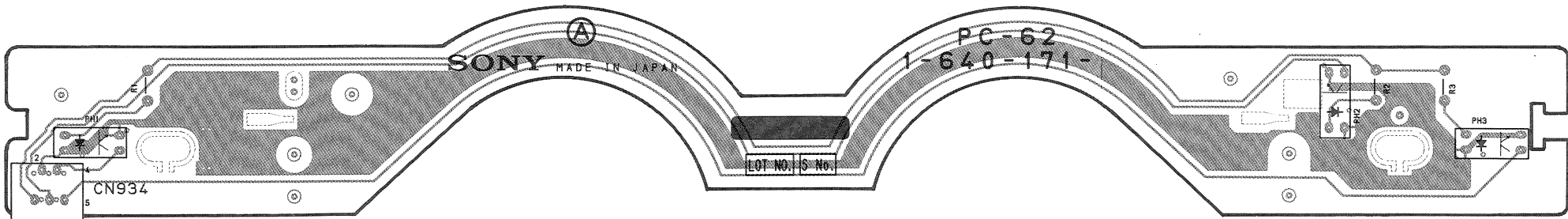
HP-61A 1-648-917-21 B SIDE



CL-25 1-640-170-11, 12, 13 A SIDE

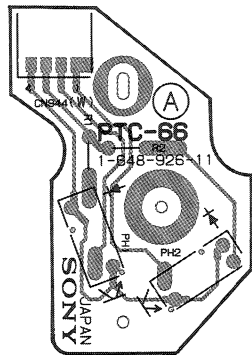


PD-35 1-622-596-11 A SIDE

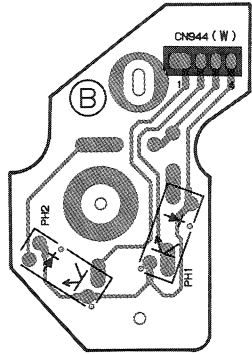


PC-62 1-640-171-11, 12 A SIDE

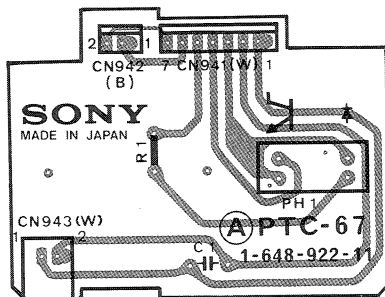
- PTC-66 ; REEL POSITION
- PTC-67 ; THREADING FG/MOTOR
- PTC-68 ; THREAD END/UNTHREAD END SENSOR
- RM-126 ; S-REEL MOTOR
- RM-127 ; T-REEL MOTOR
- SE-207 ; REEL FG
- TR-84 ; S-TENSION SENSOR
- VR-155 ; AUDIO REC LEVEL



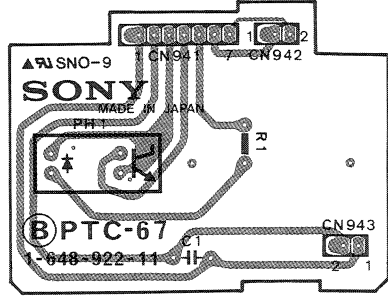
PTC-66 1-648-926-11, 12 A SIDE



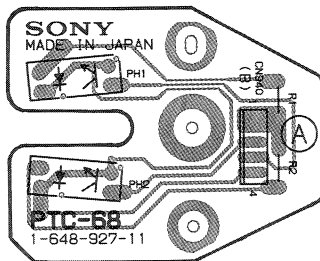
PTC-66 1-648-926-11, 12 B SIDE



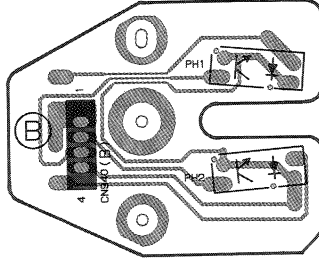
PTC-67 1-648-922-11 A SIDE



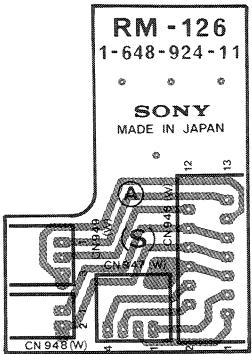
PTC-67 1-648-922-11 B SIDE



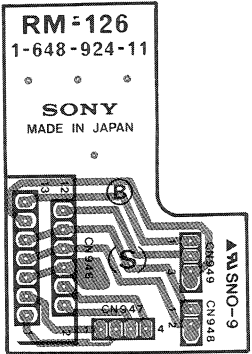
PTC-68 1-648-927-11, 12 A SIDE



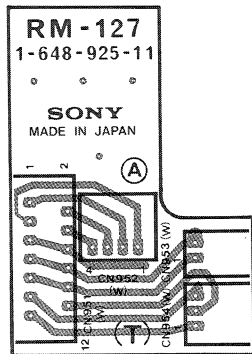
PTC-68 1-648-927-11, 12 B SIDE



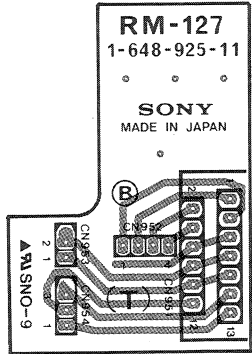
RM-126 1-648-924-11 A SIDE



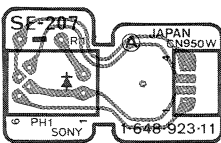
RM-126 1-648-924-11 B SIDE



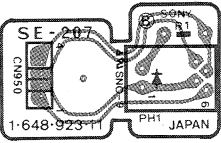
RM-127 1-648-925-11 A SIDE



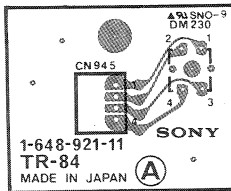
RM-127 1-648-925-11 B SIDE



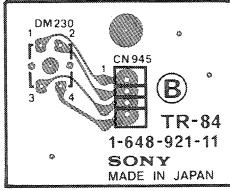
SE-207 1-648-923-11 A SIDE



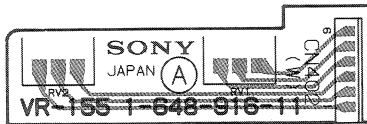
SE-207 1-648-923-11 B SIDE



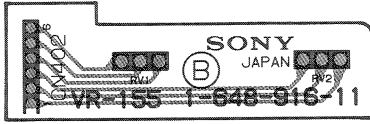
TR-84 1-648-921-11 A SIDE



TR-84 1-648-921-11 B SIDE

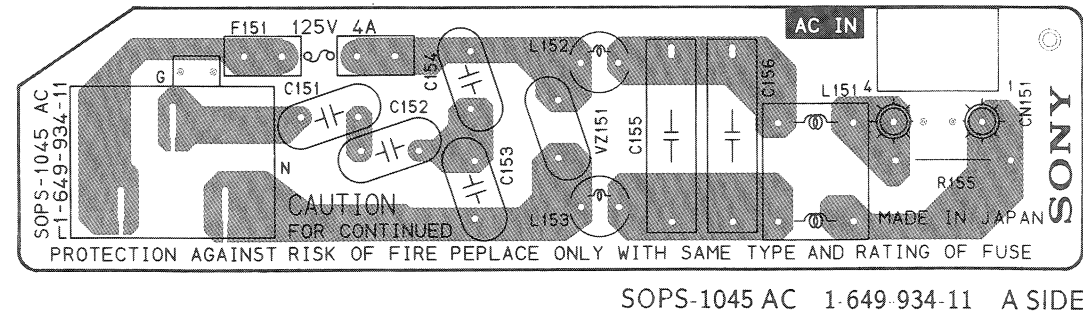


VR-155 1-648-916-11 A SIDE

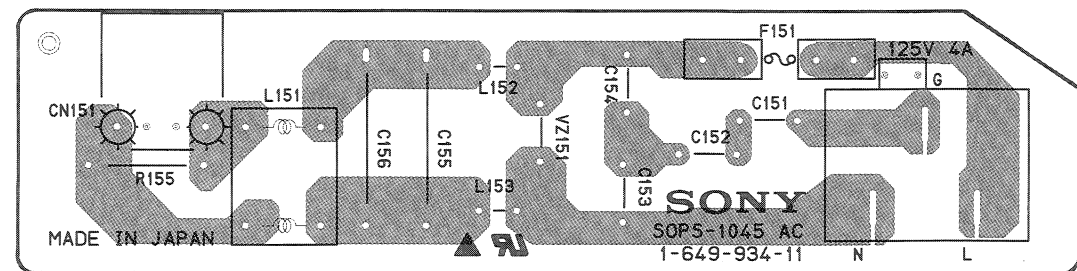


VR-155 1-648-916-11 B SIDE

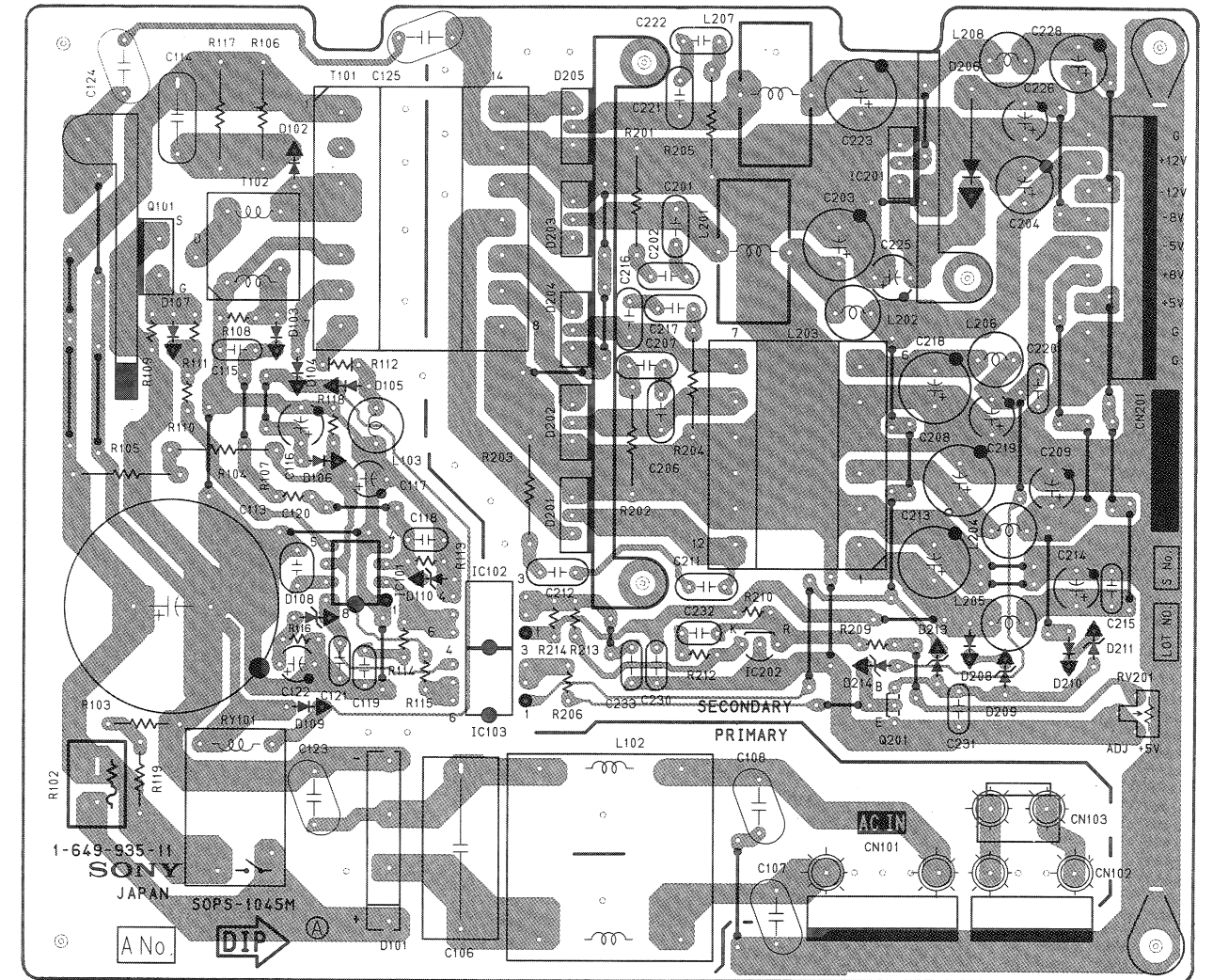
SOPS-1045AC ; POWER SUPPLY(SWITCHING REGULATOR) (FOR J, UC)
SOPS-1045M ; POWER SUPPLY(SWITCHING REGULATOR) (FOR J, UC)
SOPS-1046M ; POWER SUPPLY(SWITCHING REGULATOR) (FOR EK)



SOPS-1045 AC 1-649-934-11 A SIDE



SOPS-1045 AC 1-649-934-11 B SIDE

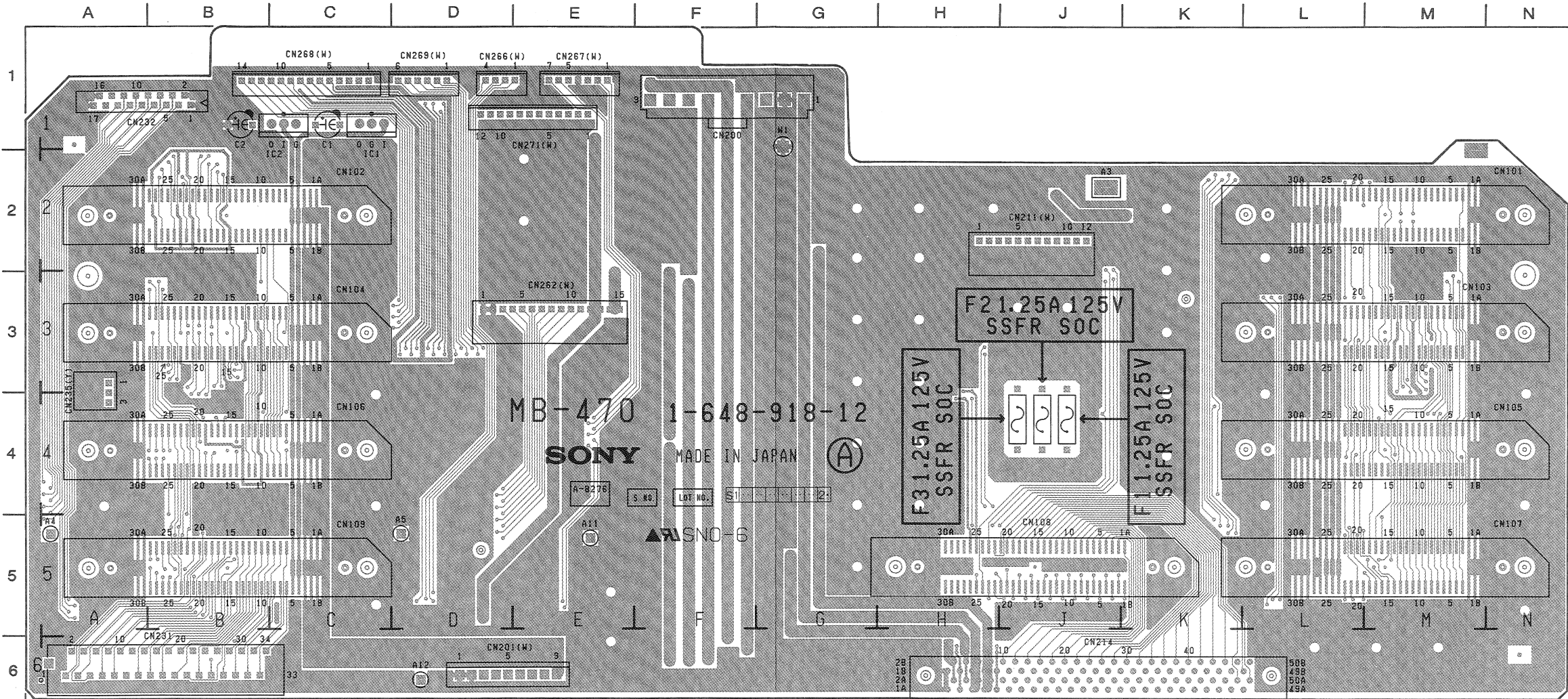


SOPS-1045 M, SOPS-1046 M A SIDE

MB-470/470P ; MOTHER BOARD

MB-470 (1-648-918-12)

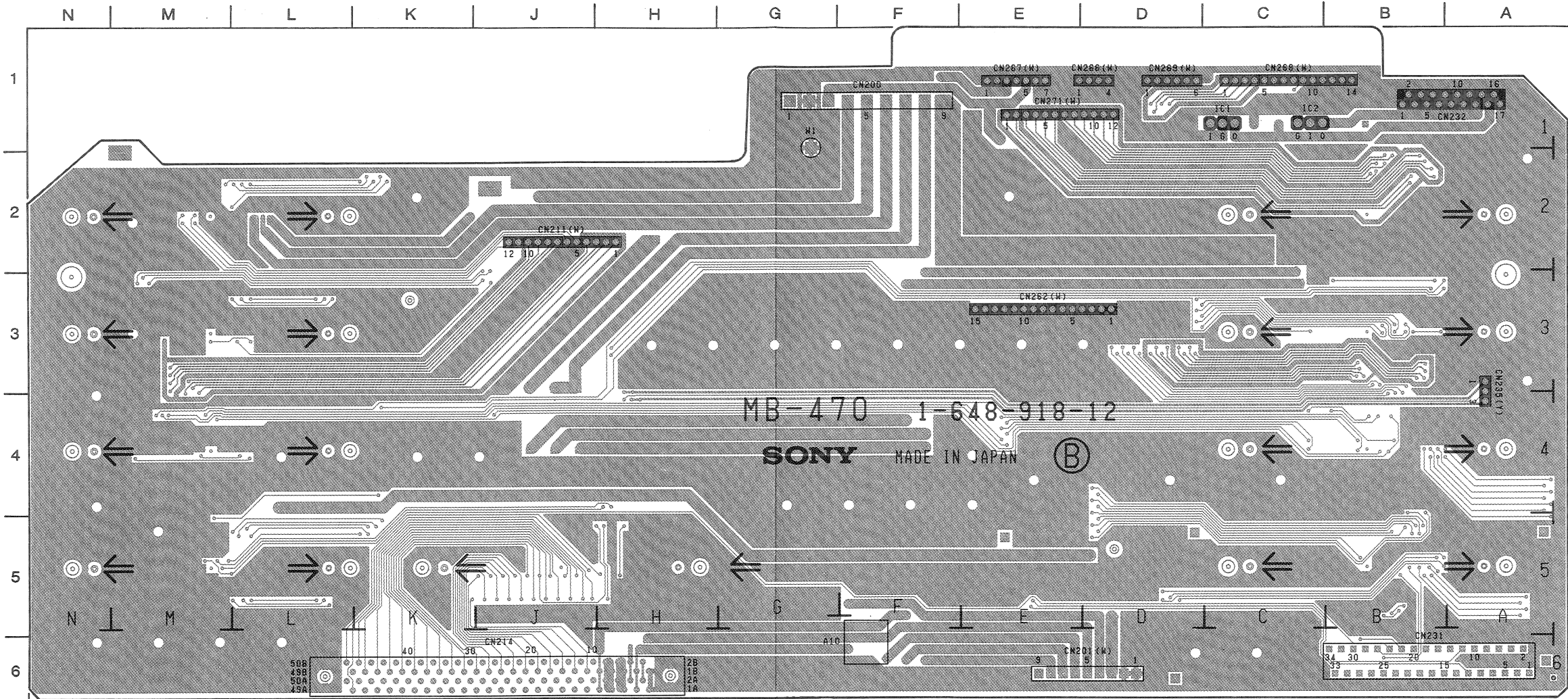
- | | |
|-------|-----|
| CN101 | M-2 |
| CN102 | B-2 |
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| CN271 | E-1 |
| IC1 | C-1 |
| IC2 | C-1 |



MB-470 1-648-918-12 A SIDE

UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK) ; Serial No. 14141 and higher

MB-470/470P ; MOTHER BOARD



MB-470 (1-648-918-12)

- | | |
|-------|-----|
| CN101 | M-2 |
| CN102 | B-2 |
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| CN271 | E-1 |
| IC1 | C-1 |
| IC2 | C-1 |

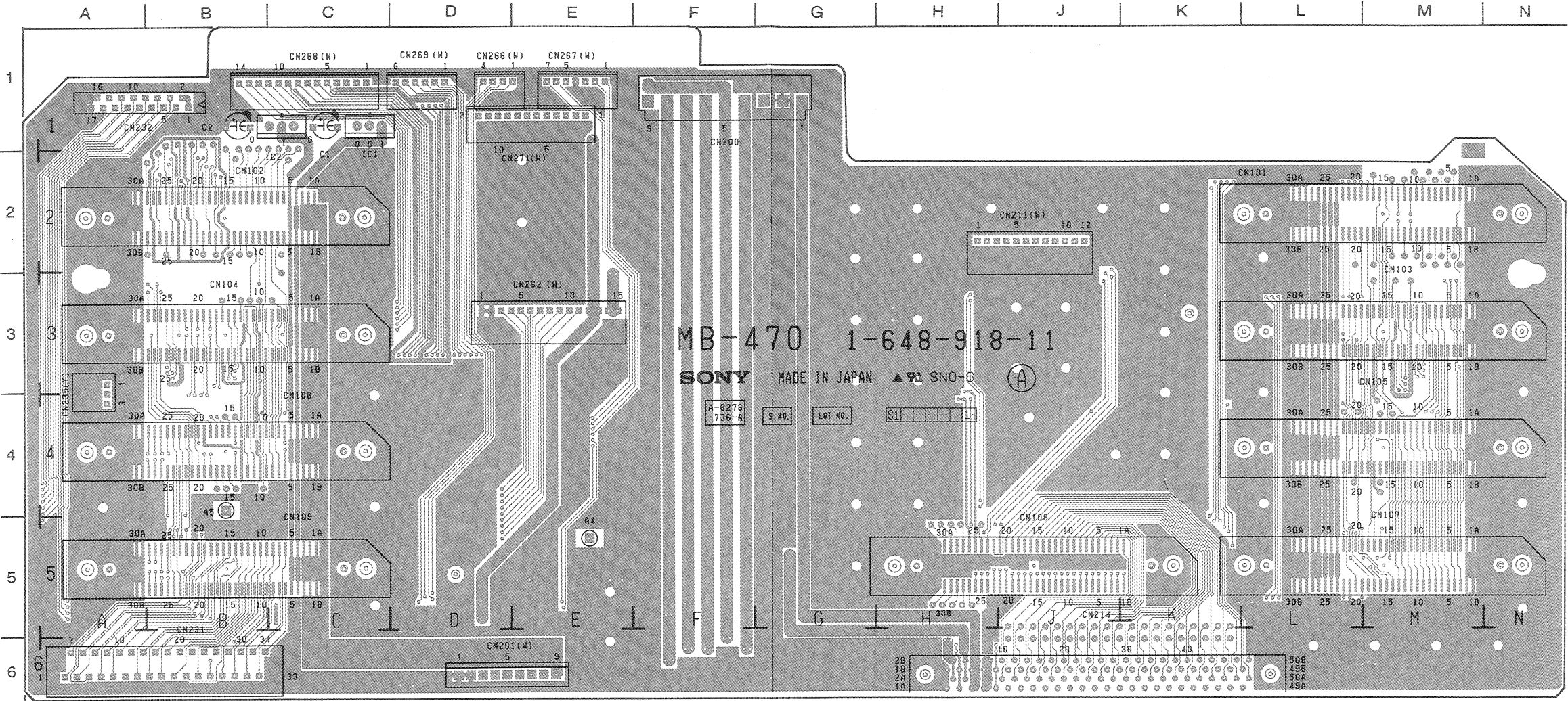
MB-470 1-648-918-12 B SIDE

UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK) ; Serial No. 14141 and higher

MB-470/470P ; MOTHER BOARD

MB-470(1-648-918-11)

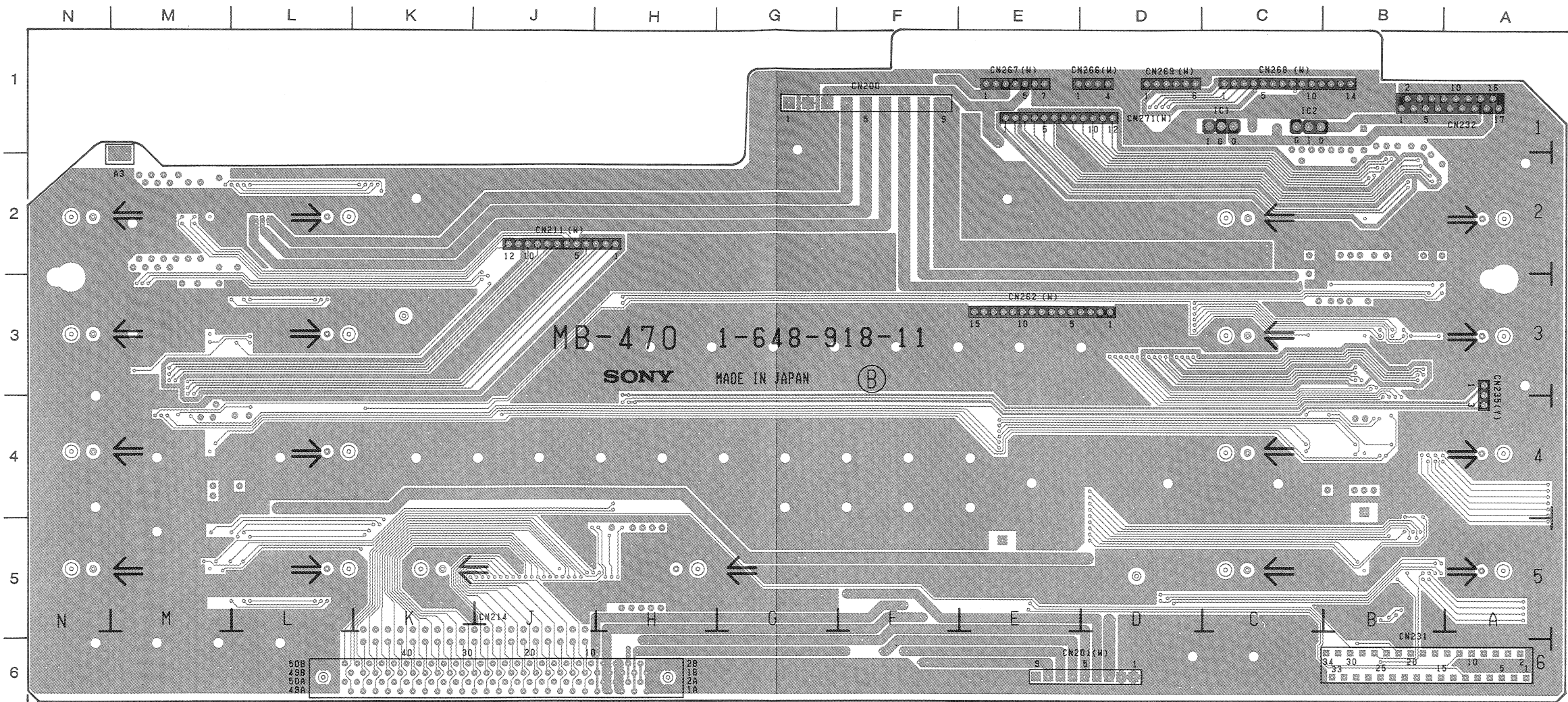
- | | |
|-------|-----|
| CN101 | M-2 |
| CN102 | B-2 |
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| CN271 | E-1 |
| IC1 | C-1 |
| IC2 | C-1 |



MB-470 1-648-918-11 A SIDE

UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK) ; Serial No. 10001 through 14140

MB-470/470P ; MOTHER BOARD



MB-470(1-648-918-11)

CN101	M-2
CN102	B-2
CN103	M-3
CN104	B-3
CN105	M-4
CN106	B-4
CN107	M-5
CN108	J-5
CN109	B-5
CN200	F-1
CN201	D-6
CN211	J-2
CN214	J-6
CN231	B-6
CN232	A-1
CN235	A-3
CN262	E-3
CN266	D-1
CN267	E-1
CN268	C-1
CN269	D-1
CN271	E-1
IC1	C-1
IC2	C-1

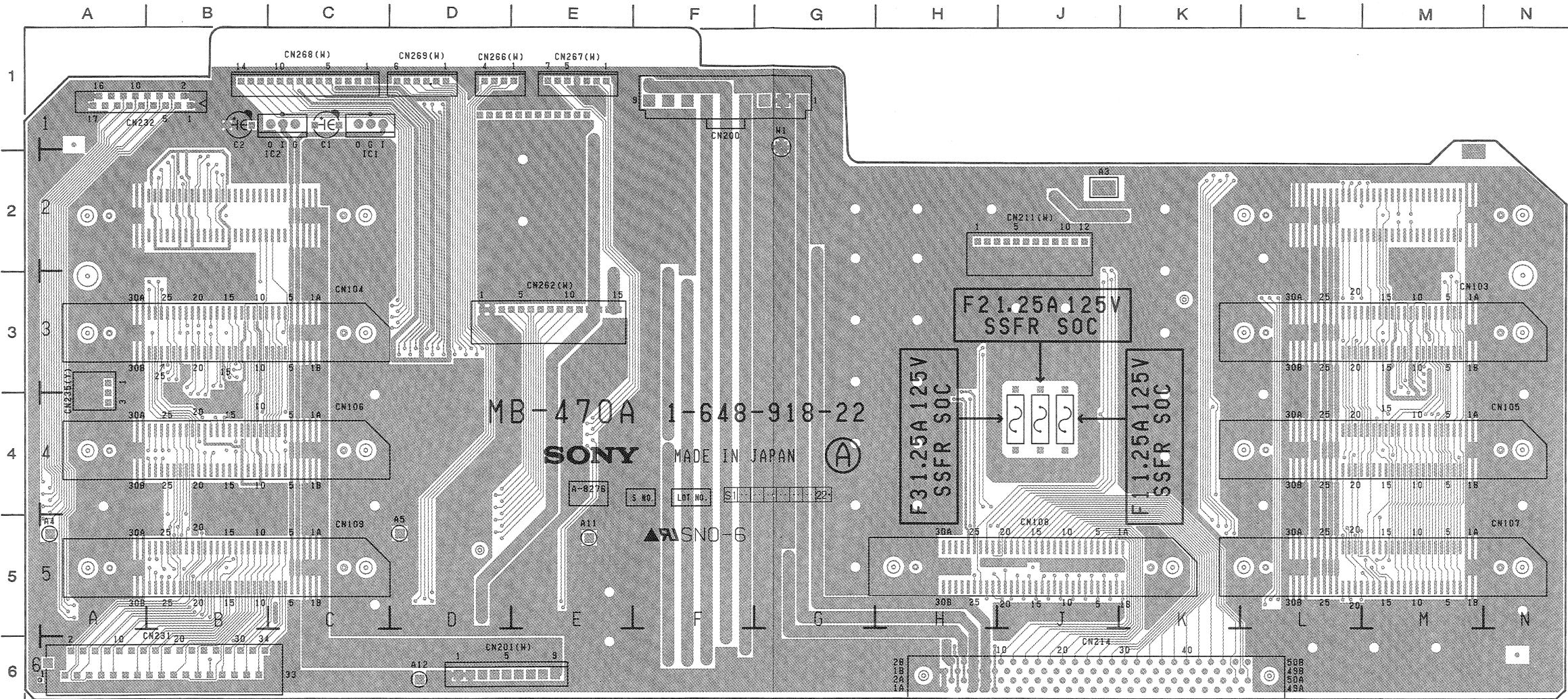
MB-470 1-648-918-11 B SIDE

UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK) ; Serial No. 10001 through 14140

MB-470A/470AP ; MOTHER BOARD

MB-470A (1-648-918-22)

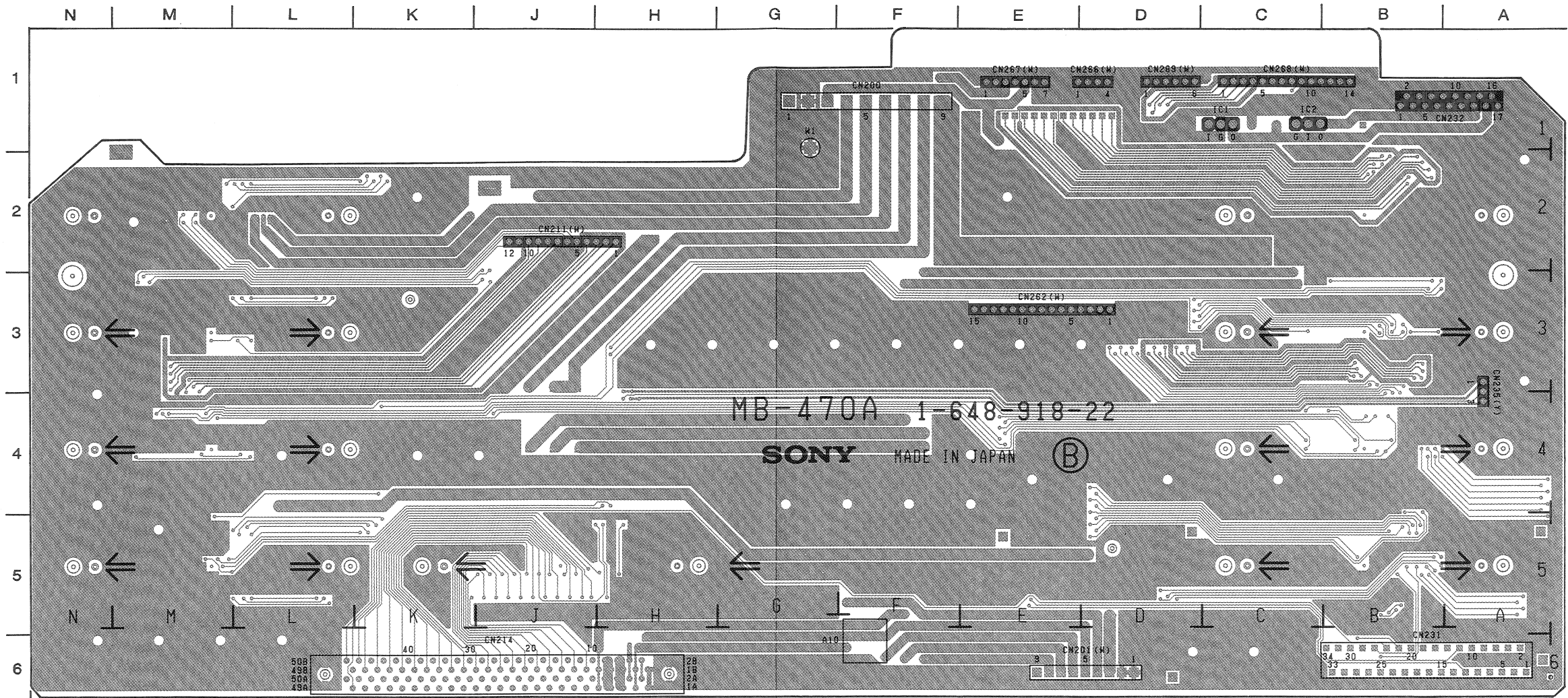
- | | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |



MB-470A 1-648-918-22 A SIDE

UVW-1600 (J) ; Serial No. 10601 and higher
UVW-1600 (UC) ; Serial No. 12901 and higher
UVW-1600P(EK) ; Serial No. 13781 and higher

MB-470A/470AP ; MOTHER BOARD



MB-470A (1-648-918-22)

- | | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |

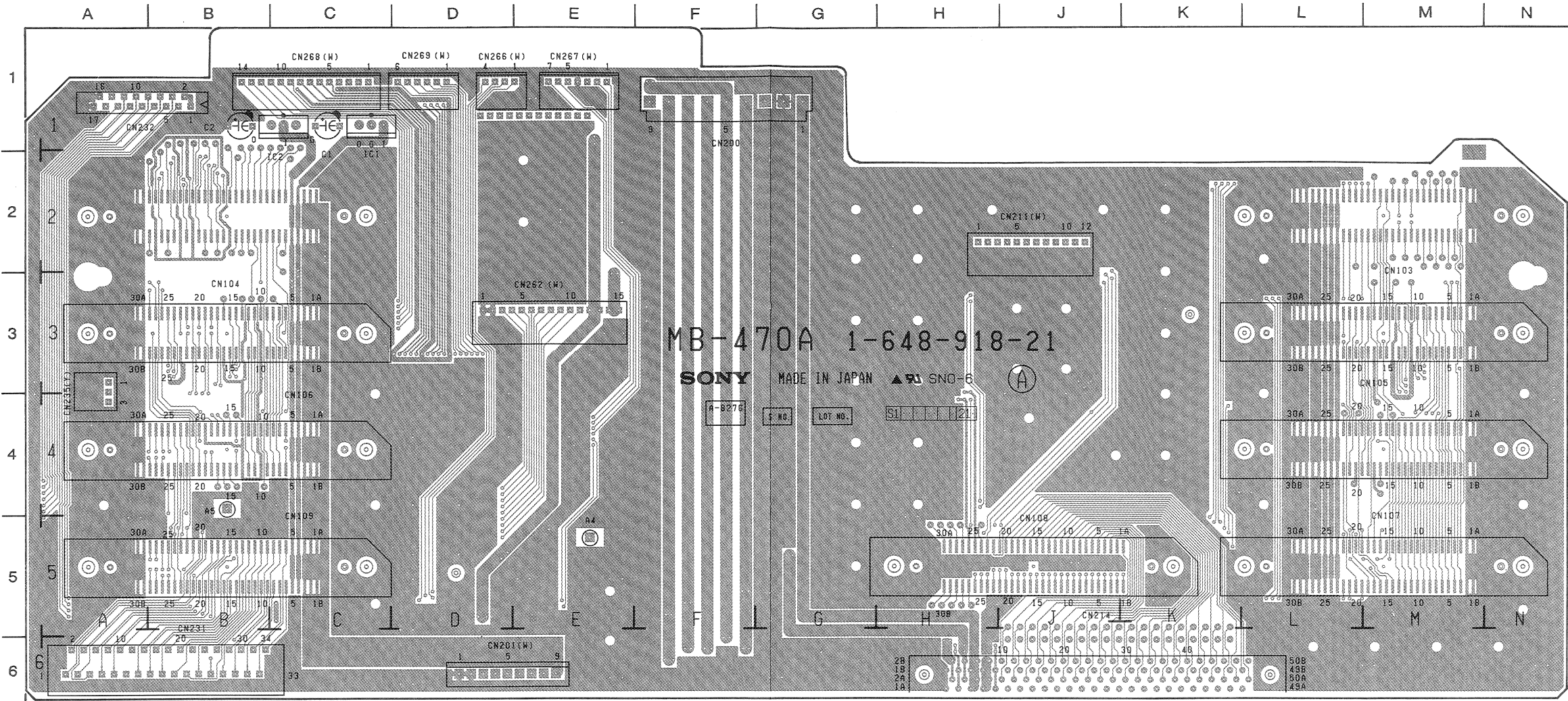
MB-470A 1-648-918-22 B SIDE

UVW-1600 (J) ; Serial No. 10601 and higher
UVW-1600 (UC) ; Serial No. 12901 and higher
UVW-1600P(EK) ; Serial No. 13781 and higher

MB-470A/470AP ; MOTHER BOARD

MB-470A(1-648-918-21)

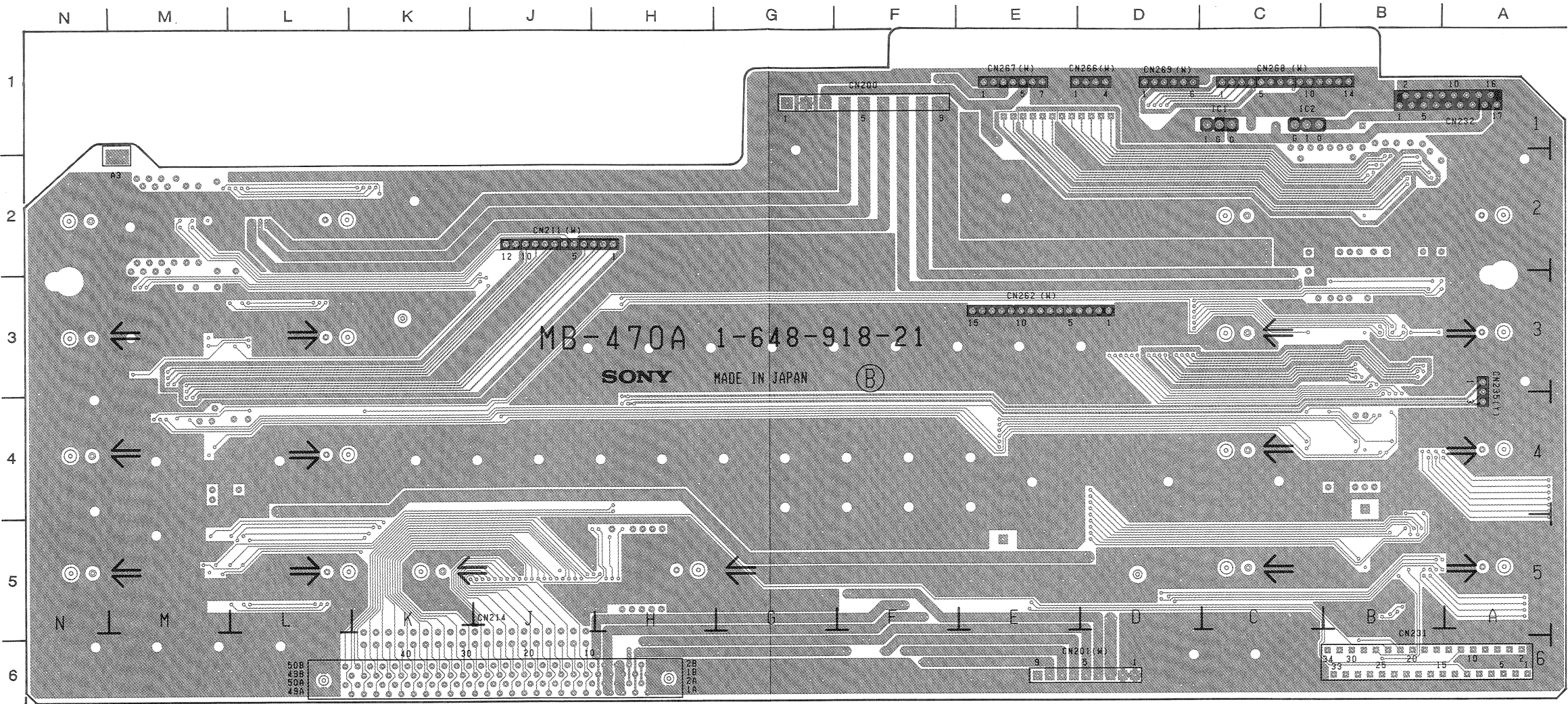
- | | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |



MB-470A 1-648-918-21 A SIDE

UVW-1600 (J) ; Serial No. 10001 through 10600
UVW-1600 (UC) ; Serial No. 10001 through 12900
UVW-1600P(EK) ; Serial No. 10001 through 13780

MB-470A/470AP ; MOTHER BOARD



MB-470A(1-648-918-21)

- | | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |

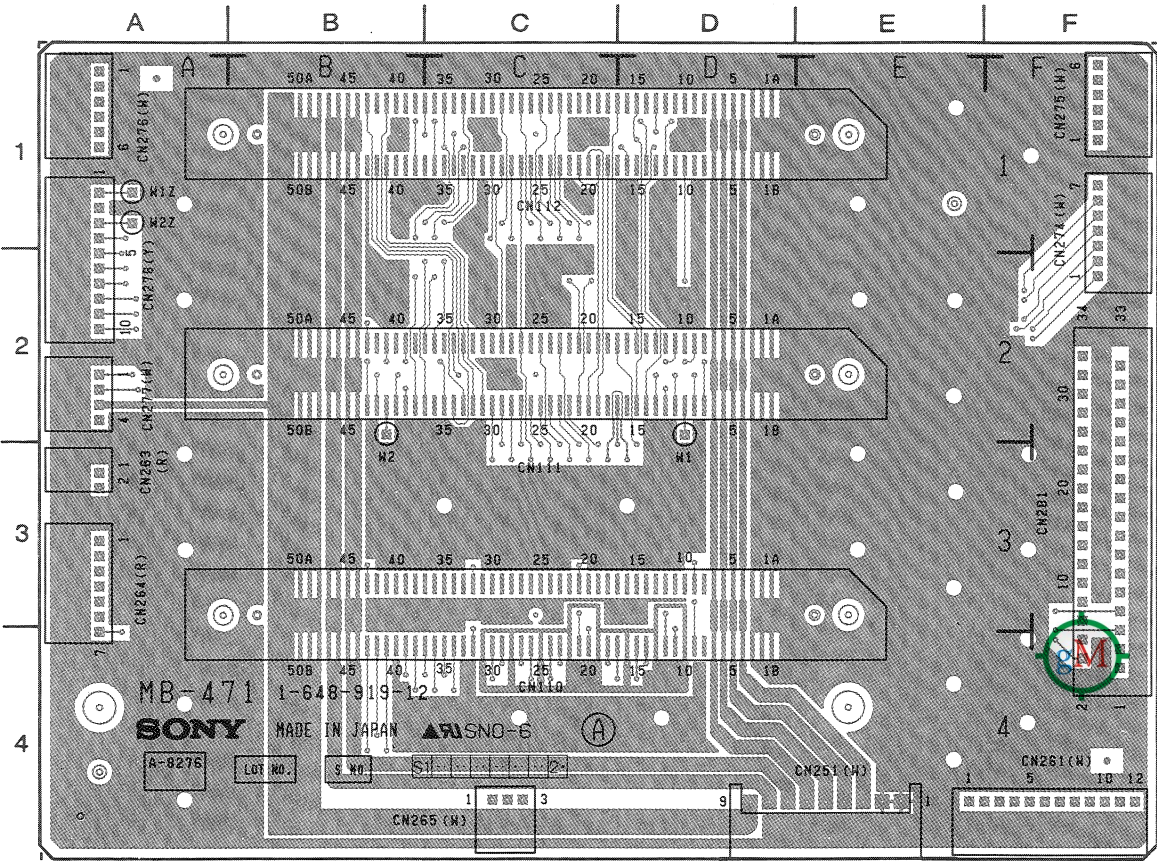
MB-470A 1-648-918-21 B SIDE

UVW-1600 (J) ; Serial No. 10001 through 10600
UVW-1600 (UC) ; Serial No. 10001 through 12900
UVW-1600P(EK); Serial No. 10001 through 13780

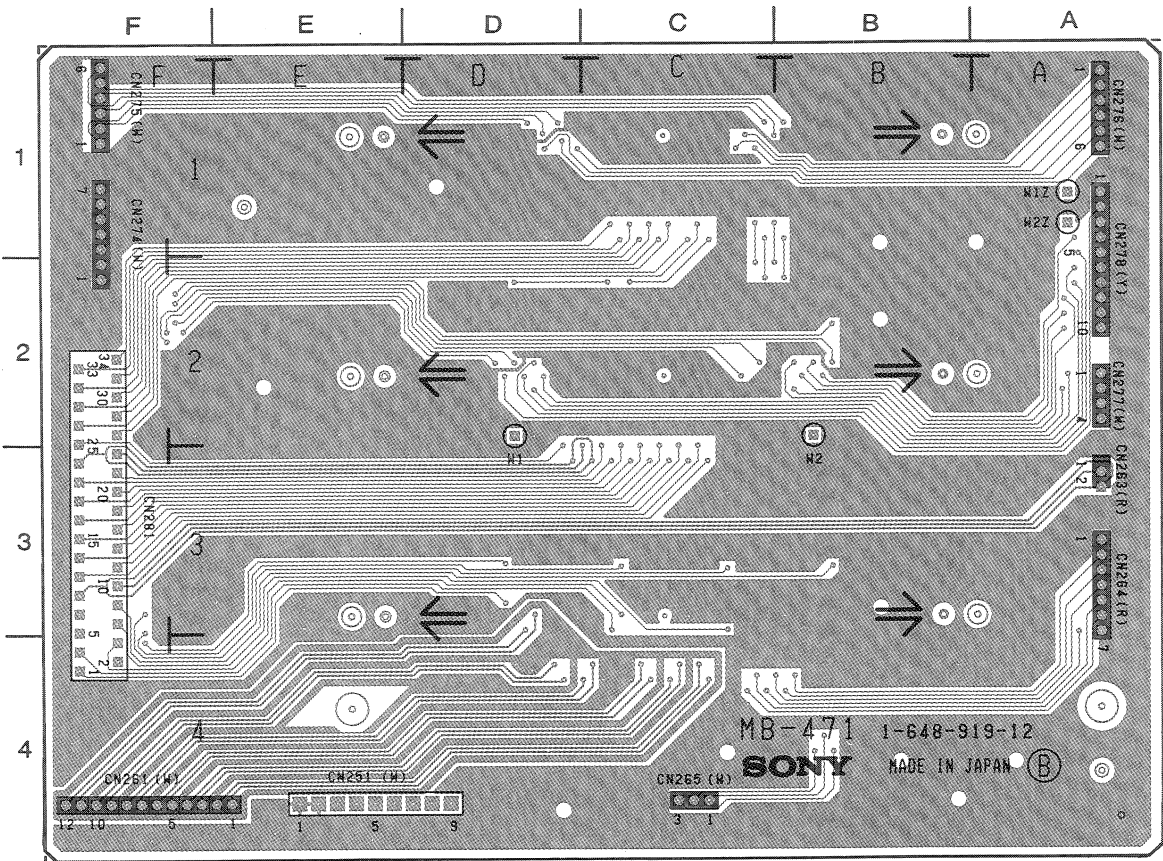
MB-471 ; MOTHER BOARD

MB-471 (1-648-919-12)

- CN110 C-4
- CN111 C-3
- CN112 C-1
- CN251 E-4
- CN261 F-4
- CN263 A-3
- CN264 A-3
- CN265 B-4
- CN274 F-1
- CN275 F-1
- CN276 A-1
- CN277 A-2
- CN278 A-2
- CN281 F-3



MB-471 1-648-919-12 A SIDE



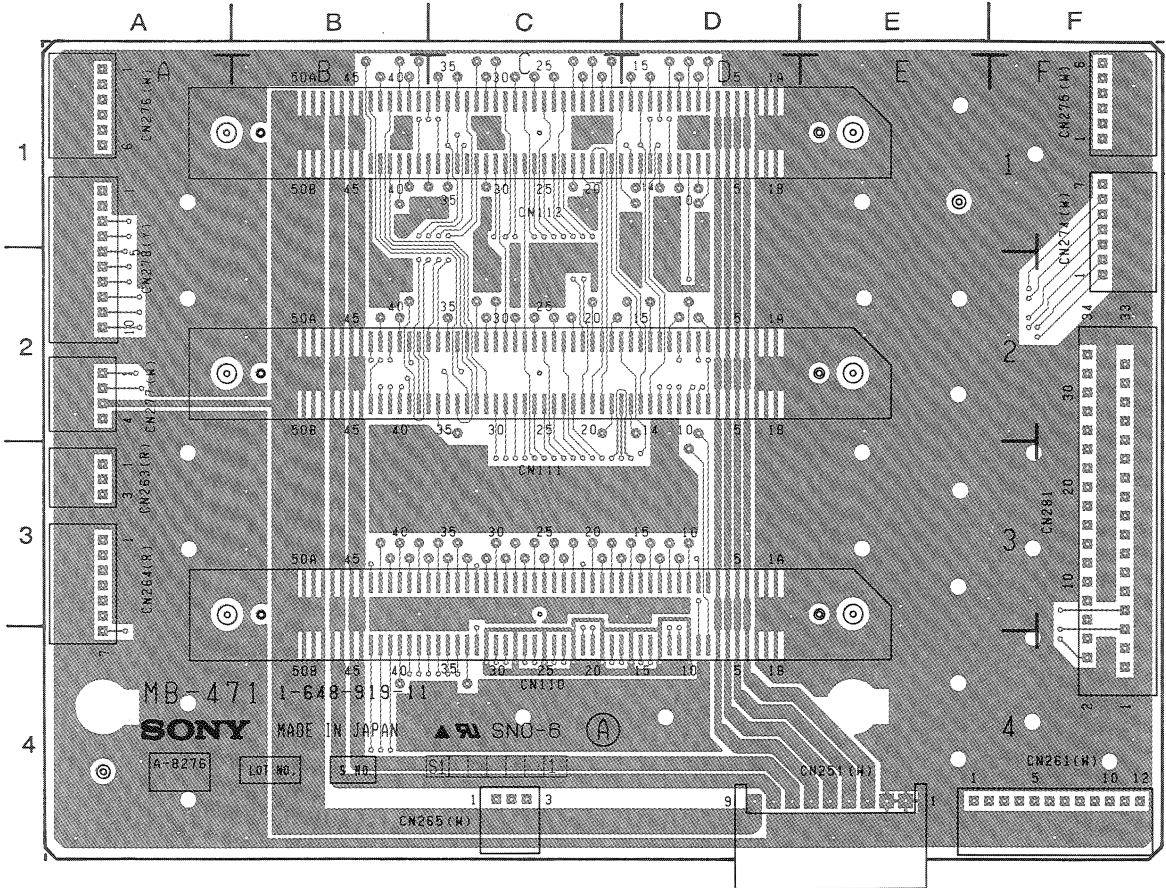
MB-471 1-648-919-12 B SIDE

UVW-1800 (J) ; Serial No. 10901 and higher
UVW-1800 (UC) ; Serial No. 13931 and higher
UVW-1800P(EK) ; Serial No. 14141 and higher

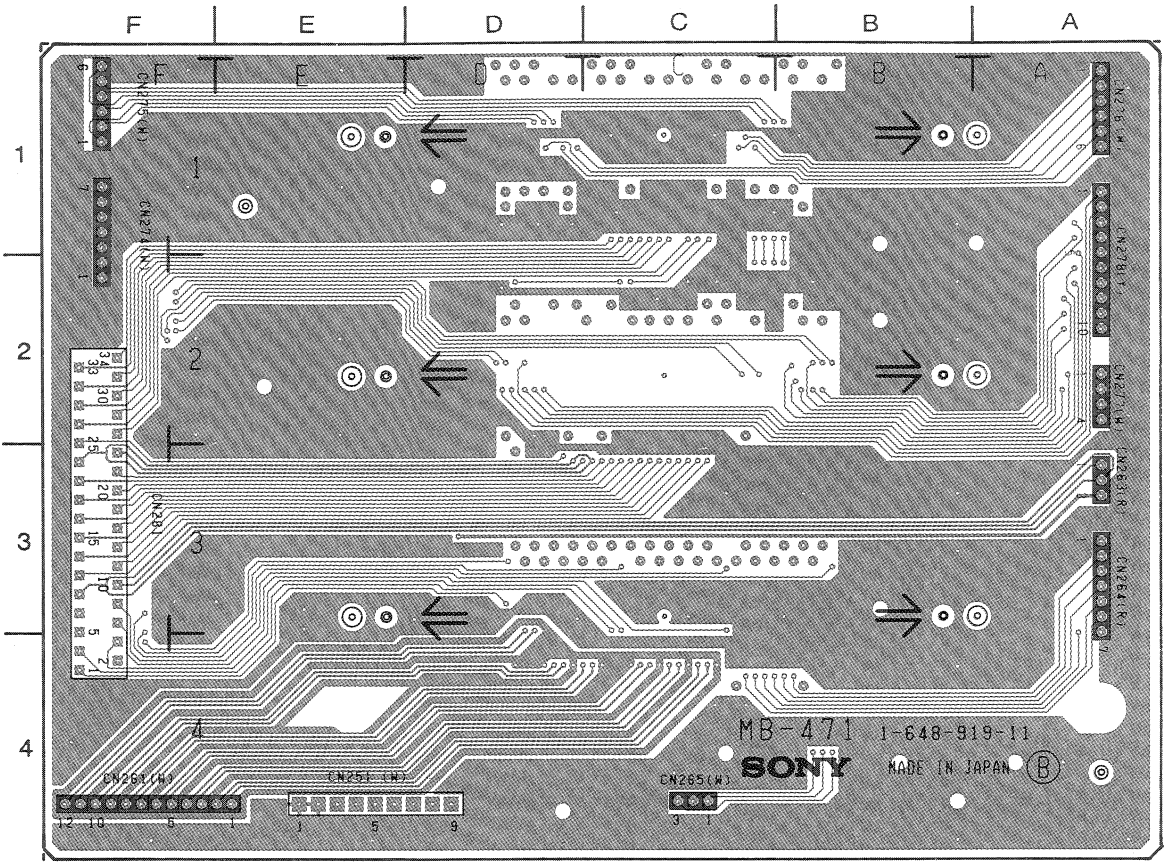
MB-471; MOTHER BOARD

MB-471(1-648-919-11)

- CN110 C-4
- CN111 C-3
- CN112 C-1
- CN251 E-4
- CN261 F-4
- CN263 A-3
- CN264 A-3
- CN265 B-4
- CN274 F-1
- CN275 F-1
- CN276 A-1
- CN277 A-2
- CN278 A-2
- CN281 F-3



MB-471 1-648-919-11 A SIDE



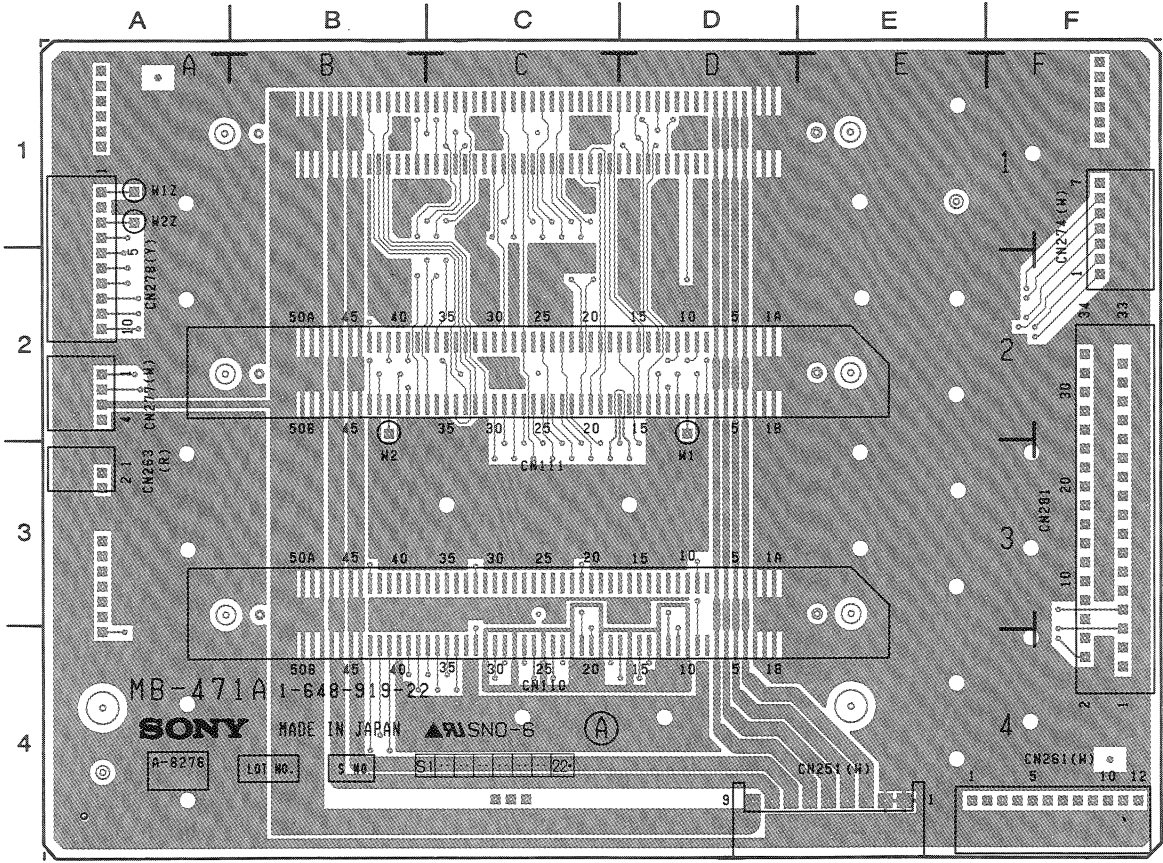
MB-471 1-648-919-11 B SIDE

UVW-1800 (J) ; Serial No. 10001 through 10900
UVW-1800 (UC) ; Serial No. 10001 through 13930
UVW-1800P(EK); Serial No. 10001 through 14140

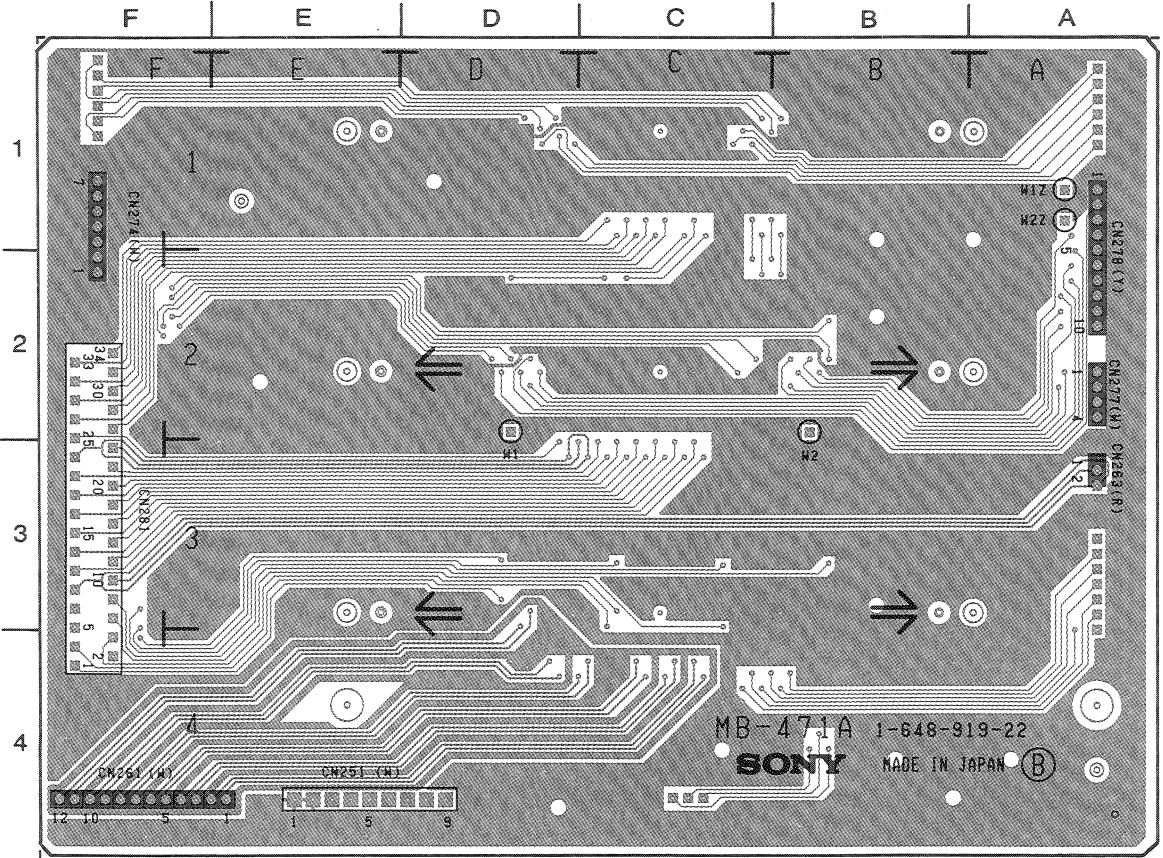
MB-471A ; MOTHER BOARD

MB-471A (1-648-919-22)

- CN110 C-4
- CN111 C-3
- CN251 E-4
- CN261 F-4
- CN263 A-3
- CN274 F-1
- CN277 A-2
- CN278 A-2
- CN281 F-3



MB-471A 1-648-919-22 A SIDE



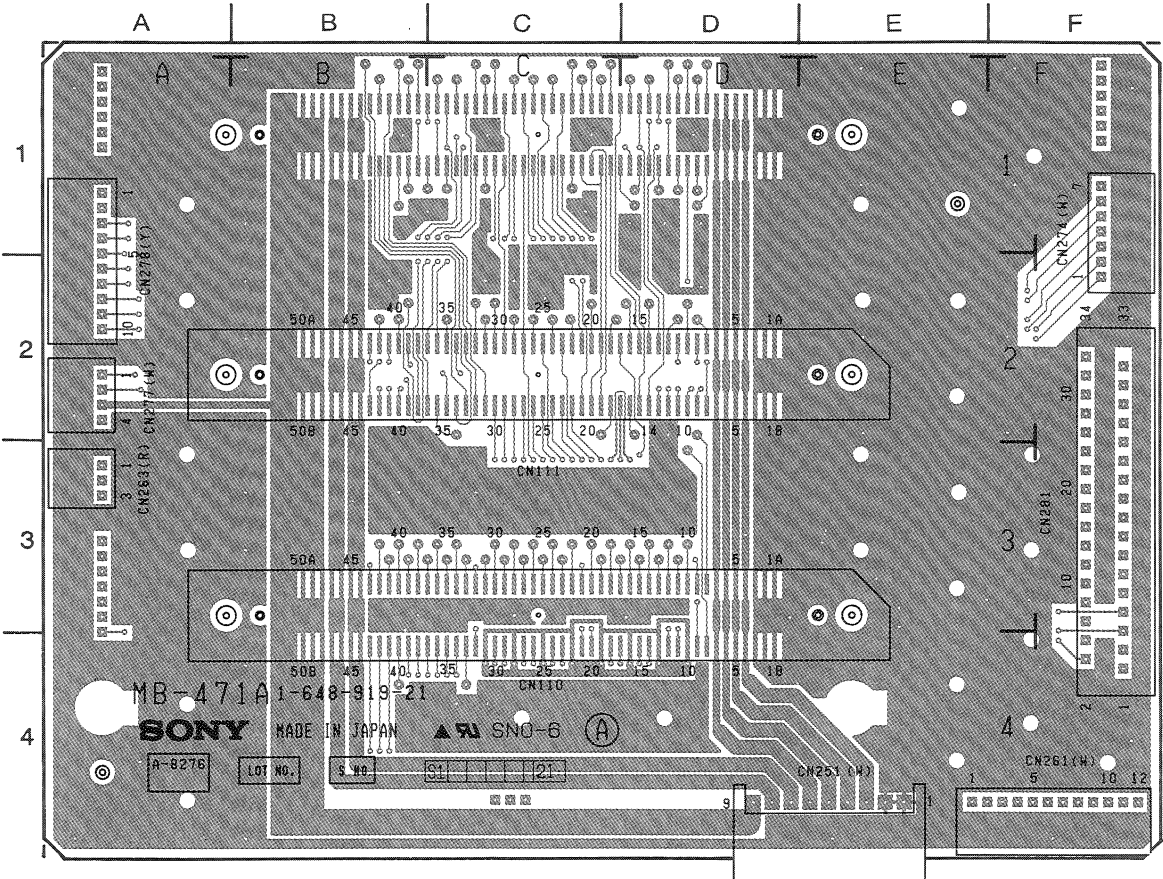
MB-471A 1-648-919-22 B SIDE

UVW-1600 (J) ; Serial No. 10601 and higher
UVW-1600 (UC) ; Serial No. 12901 and higher
UVW-1600P(EK); Serial No. 13781 and higher

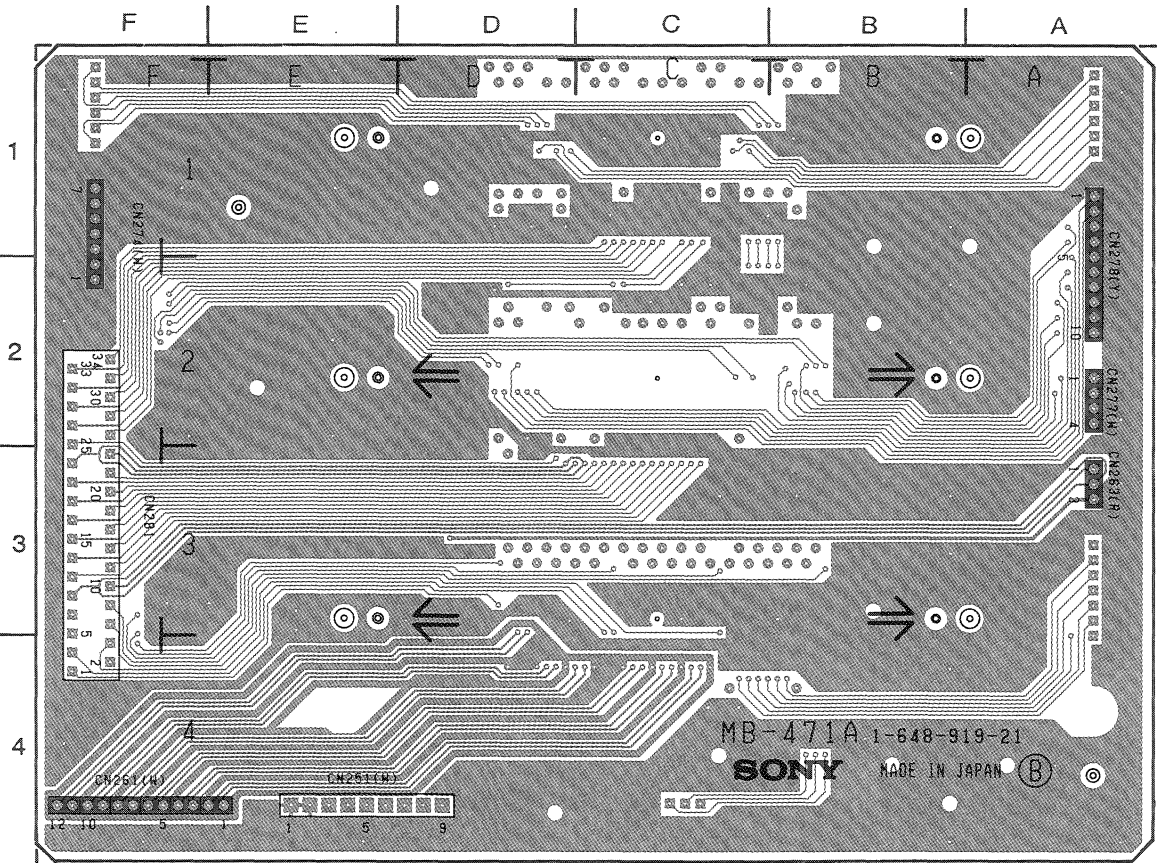
MB-471A; MOTHER BOARD

MB-471A(1-648-919-21)

- CN110 C-4
- CN111 C-3
- CN251 E-4
- CN261 F-4
- CN263 A-3
- CN274 F-1
- CN277 A-2
- CN278 A-2
- CN281 F-3



MB-471A 1-648-919-21 A SIDE




MB-471A 1-648-919-21 B SIDE

UVW-1600 (J) ; Serial No. 10001 through 10600
UVW-1600 (UC) ; Serial No. 10001 through 12900
UVW-1600P(EK); Serial No. 10001 through 13780

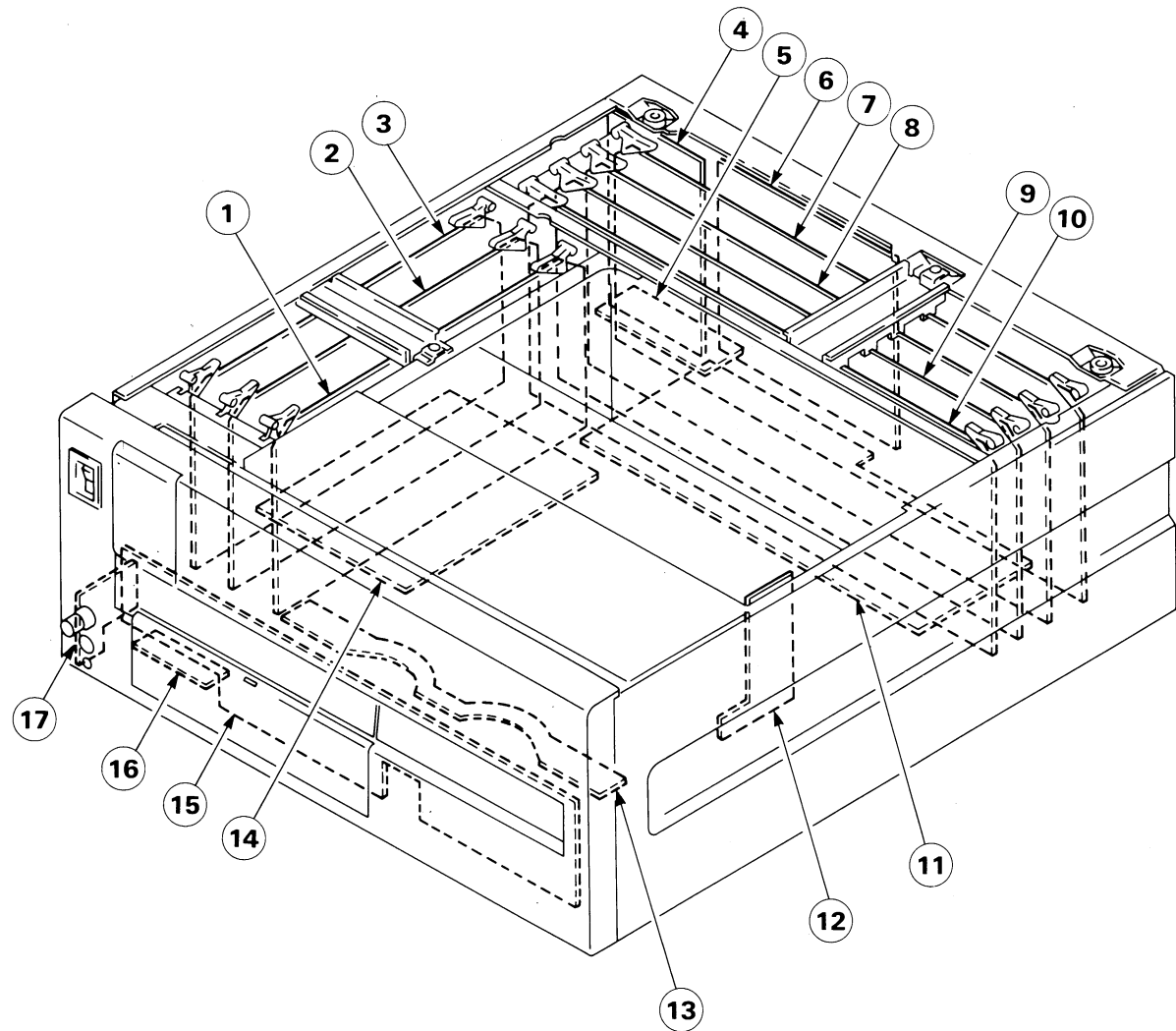
SECTION 16
 SCHEMATIC DIAGRAMS

SCHEMATIC DIAGRAM INDEX

	Board	Page
A	AP-31/31P (UVW-1800/1800P)	16-4
	AP-31A/31AP (UVW-1600/1600P)	16-16
	AR-14/14P (UVW-1800/1800P)	16-28
C	CP-225/225A	16-43
	CP-226/226A/226J/226AJ	16-45
D	DR-214	16-48
K	KY-249 (UVW-1800/1800P)	16-56
	KY-249A (UVW-1600/1600P)	16-60
M	MS-39/39A	16-64
	MB-470/470A/470P/470AP	16-153
	MB-471/471A	16-161
R	RP-70/70A/70P/70AP	16-68
S	SS-53	16-76
	SOPS-1045/1046	16-151
T	TBC-25/25P	16-92
V	VP-43/43A/43P/43AP	16-108
	VRA-5/5P (UVW-1800/1800P)	16-136
	FRAME WIRING	16-165

NOTE;The  -marked components are critical to safety.
 Replace only with same components as specified.

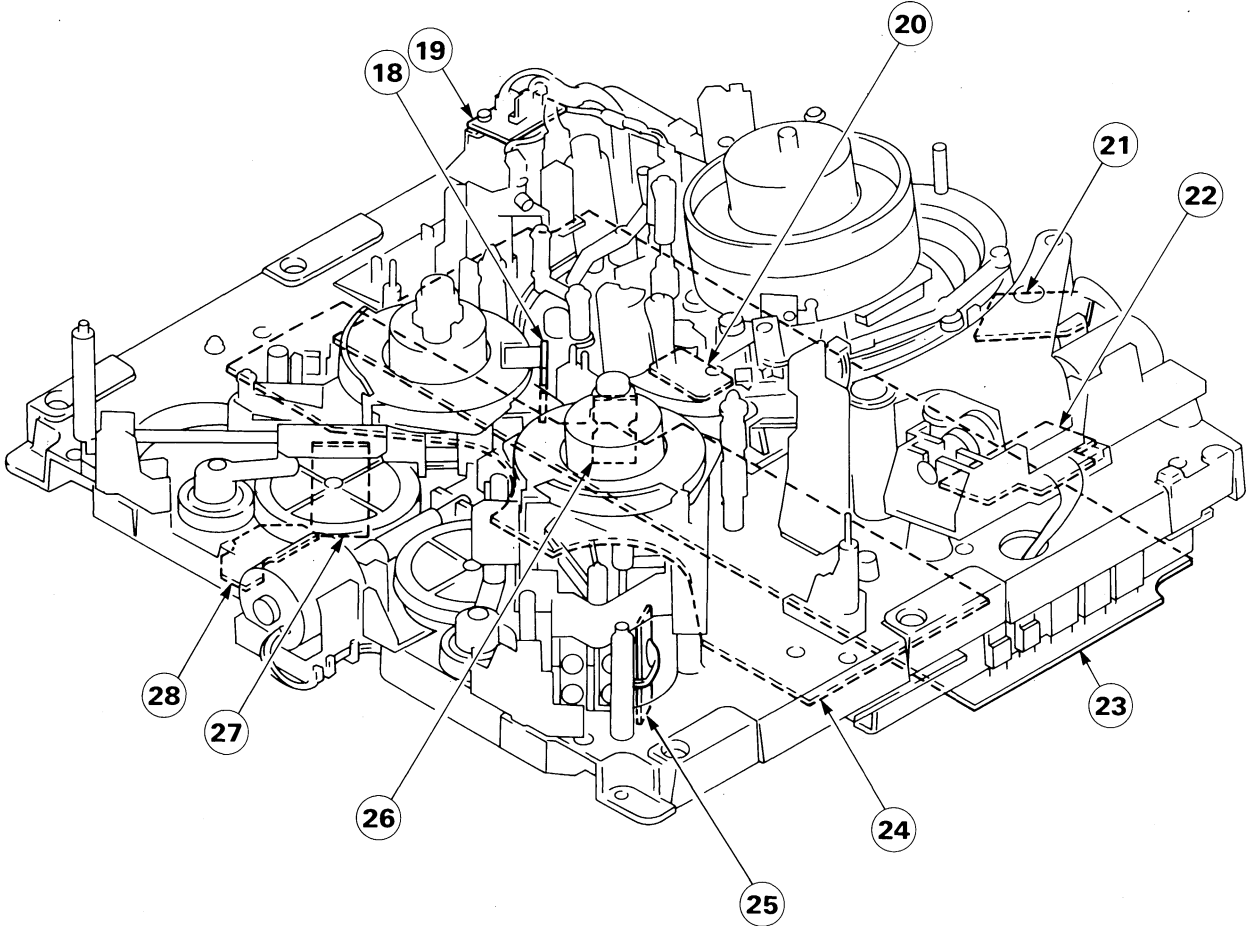
CIRCUIT FUNCTION



- | | |
|--|--|
| ① RP-70/P BOARD(UVW-1800/P)
RP-70A/AP BOARD(UVW-1600/P) | ; RF REC/PB AMP.,ROTARY ERASE OSC.,FULL ERASE OSC.
; RF PB AMP. |
| ② AP-31/P BOARD(UVW-1800/P)
AP-31A/AP BOARD(UVW-1600/P) | ; AUDIO/TC PB AMP.,METER DRIVER
; AUDIO/TC PB AMP.,METER DRIVER |
| ③ AR-14/P BOARD(UVW-1800/P) | ; AUDIO/TC REC AMP.,AUDIO/TC ERASE OSC.,AUDIO BIAS DRIVER |
| ④ CP-226 BOARD(UVW-1800/P : FOR UC, EK)
CP-226J BOARD(UVW-1800 : FOR J)
CP-226A BOARD(UVW-1600/P : FOR UC, EK)
CP-226AJ BOARD(UVW-1600 : FOR J) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER
; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER
; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER
; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| ⑤ CP-237 BOARD(UVW-1800/P)
CP-237A BOARD(UVW-1600/P) | ; TBC/9P REMOTE CONNECTOR
; TBC/9P REMOTE CONNECTOR |
| ⑥ CP-225 BOARD(UVW-1800/P)
CP-225A BOARD(UVW-1600/P) | ; VIDEO INPUT/OUTPUT CONNECTOR
; VIDEO OUTPUT CONNECTOR |
| ⑦ VRA-5/P BOARD(UVW-1800/P) | ; Y/C REC PROCESS(DECODE,MOD),CTDM(COMPAND) |

- | | |
|--|--|
| ⑧ VP-43/P BOARD(UVW-1800/P)
VP-43A/AP BOARD(UVW-1600/P) | ; Y/C PB PROCESS(PB RF EQ,DEMOD.,Y-RF ENVELOPE DET),VIDEO
OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX
; Y/C PB PROCESS(PB RF EQ,DEMOD.,Y-RF ENVELOPE DET),VIDEO
OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| ⑨ TBC-25/P BOARD | ; TIME BASE CORRECTOR,CTDM(EXPAND) |
| ⑩ SS-53 BOARD | ; SYSTEM CONTROL,SERVO SYSTEM MAIN,TIME CODE
GENERATOR/READER, CHARACTER GENERATOR |
| ⑪ MB-470/P BOARD(UVW-1800/P)
MB-470A/AP BOARD(UVW-1600/P) | ; MOTHER BOARD
; MOTHER BOARD |
| ⑫ CL-25 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE LOADING BEGIN/NEAR-END SENSOR |
| ⑬ PC-62 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE IN/LARGE CASSETTE SENSOR |
| ⑭ MB-471 BOARD(UVW-1800/P)
MB-471A BOARD(UVW-1600/P) | ; MOTHER BOARD
; MOTHER BOARD |
| ⑮ KY-249 BOARD(UVW-1800/P)
KY-249A BOARD(UVW-1600/P) | ; FUNCTION KEY
; FUNCTION KEY |
| ⑯ VR-155 BOARD (UVW-1800/P) | ; AUDIO REC LEVEL |
| ⑰ HP-61 BOARD(UVW-1800/P)
HP-61A BOARD(UVW-1600/P) | ; HEADPHONES JACK/VOLUME CONTROL
; HEADPHONES JACK/VOLUME CONTROL |

AP-31 (1-648-906-12)



- 18

SE-207 BOARD(S SIDE)

; REEL FG
- 19

PD-35 BOARD

; PINCH SOLENOID
- 20

TR-84 BOARD

; S-TENSION SENSOR
- 21

PTC-68 BOARD

; THREAD END/UNTHREAD END SENSOR
- 22

PTC-67 BOARD

; THREADING FG/MOTOR
- 23

DR-214 BOARD

; MOTOR DRIVER,TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL, REC/PB AMP.
- 24

MS-39 BOARD(UVW-1800/P)

; CASSETTE INFORMATION,SOLENOID DRIVER,MECHA. CONTROL MPU,DATA STORAGE
- MS-39A BOARD(UVW-1600/P)

; CASSETTE INFORMATION,SOLENOID DRIVER,MECHA. CONTROL MPU,DATA STORAGE
- 25

RM-127 BOARD

; T-REEL MOTOR
- 26

SE-207 BOARD(T SIDE)

; REEL FG
- 27

RM-126 BOARD

; S-REEL MOTOR
- 28

PTC-66 BOARD

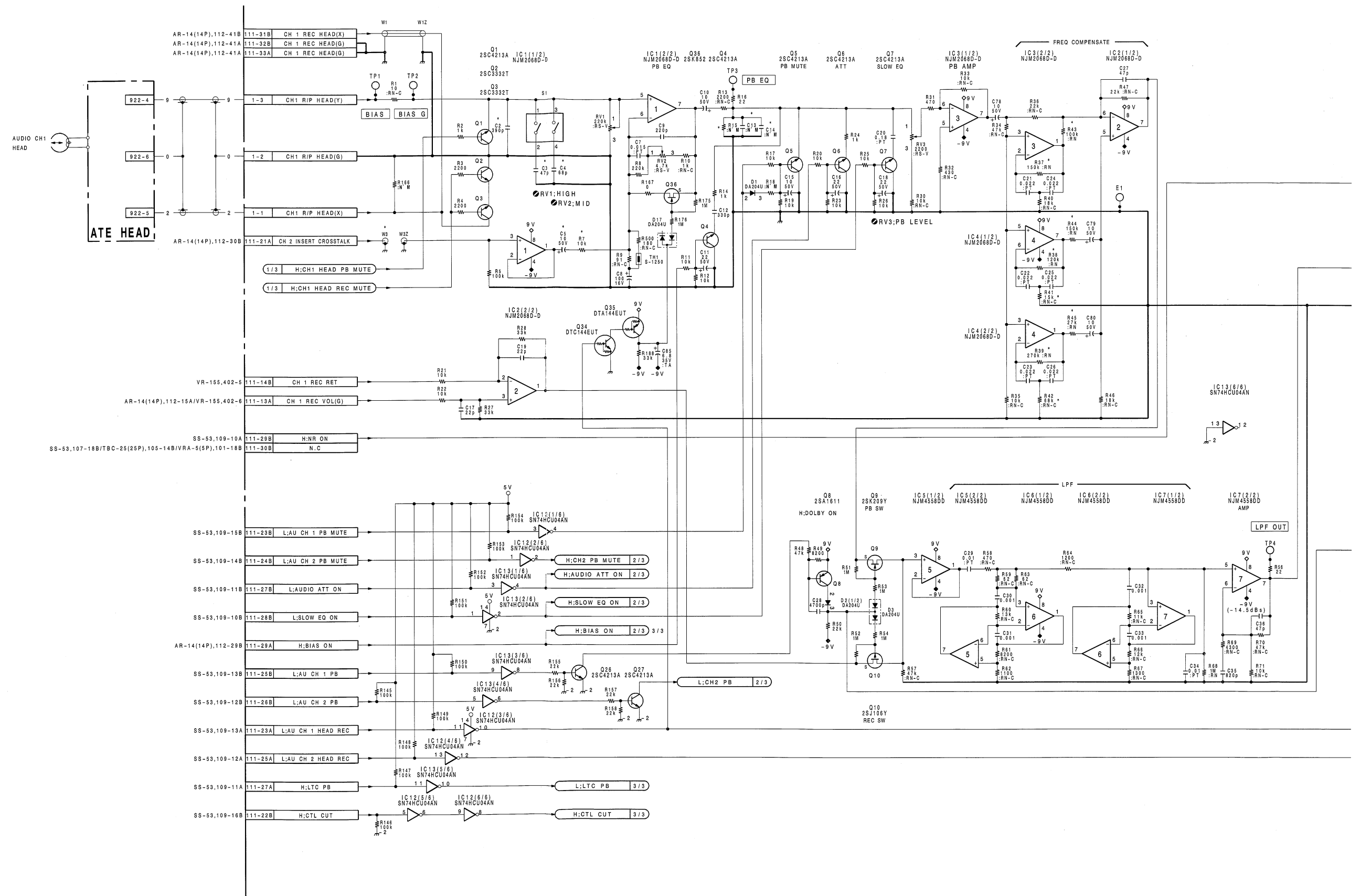
; REEL POSITION SENSOR

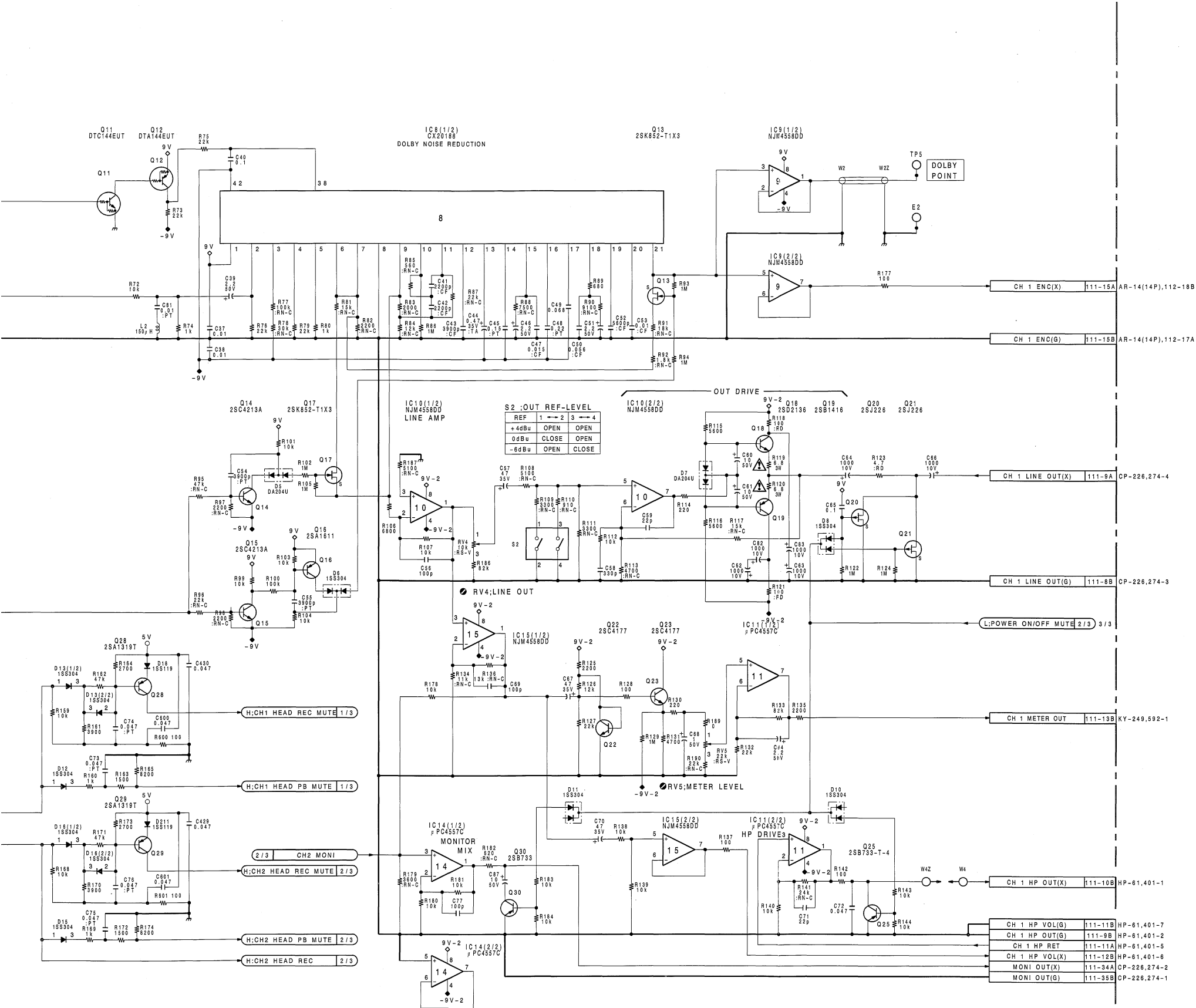
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CN2	A-1	FS41	D-2	FS122	G-5	Q2	H-2		
CN3	G-4	FS43	C-2	FS123	H-5	Q3	H-2	TH1	J-2
CN111	E-5	FS44	P D-2	FS124	H-5	*Q4	J-2	TH2	A-2
		FS44	N D-3	FS125	H-1	*Q5	J-2		
*D1	J-2	FS45	D-2	FS126	J-1	*Q6	J-2	TP1	H-1
*D2	H-3	FS46	D-2	FS127	J-1	*Q7	J-2	TP2	J-1
*D3	H-4	FS47	C-3	FS128	J-1	*Q8	H-3	TP3	J-2
*D5	G-3	FS48	C-3	FS129	P H-2	*Q9	H-4	TP4	G-2
*D6	G-3	FS49	C-3	FS129	N J-2	*Q10	H-4	TP5	G-1
*D7	J-5	FS50	C-3	FS130	J-2	*Q11	C-2	TP201	A-1
*D8	H-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP202	A-1
*D10	G-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP203	B-2
*D11	E-3	FS53	C-3	FS133	J-3	*Q14	G-3	TP204	C-2
*D12	F-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP205	D-1
*D13	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP401	G-4
*D15	E-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP402	G-5
*D16	E-3	FS57	D-4	FS137	J-3	Q18	J-5	TP403	D-1
*D17	J-2	FS58	C-4	FS138	J-3	Q19	J-5		
*D18	H-3	FS59	C-4	FS139	H-3	Q20	H-5		
*D201	A-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D202	C-3	FS63	D-4	FS141	J-3	*Q22	J-4		
*D203	C-4	FS64	B-4	FS142	J-4	*Q23	H-4		
*D204	D-3	FS65	D-5	FS143	J-4	Q25	G-4		
*D205	D-3	FS66	D-5	FS144	J-4	*Q26	P E-3		
*D206	A-5	FS67	D-5	FS145	J-4	*Q26	N E-4		
*D207	B-5	FS68	E-5	FS146	J-4	*Q27	D-4		
*D209	C-4	FS69	C-5	FS147	J-5	Q28	H-3		
*D210	B-2	FS70	C-5	FS148	J-5	Q29	A-3		
D211	A-3	FS71	E-3	FS149	J-5	Q30	E-3		
*D401	F-3	FS72	E-3	FS150	H-5	*Q34	J-2		
*D403	F-5	FS73	F-3	FS151	H-5	*Q35	J-2		
*D500	D-5	FS74	E-4	FS152	H-5	*Q36	J-2		
		FS75	E-4	FS153	G-5	*Q201	A-1		
E1	H-4	FS76	F-4	FS154	G-5	Q202	A-2		
E2	G-1	FS77	F-4	FS155	H-5	Q203	A-2		
E201	B-4	FS78	E-5	FS156	H-5	*Q204	B-2		
E202	E-1	FS79	F-5			*Q205	A-2		
		FS80	F-5	IC1	J-2	*Q206	A-2		
FS1	A-1	FS81	H-1	IC2	J-4	*Q207	B-2		
FS3	A-2	FS82	H-1	IC3	J-3	*Q208	C-3		
FS4	B-2	FS83	G-1	IC4	H-3	*Q209	B-4		
FS5	B-2	FS84	G-1	IC5	G-4	*Q210	B-4		
FS6	B-2	FS85	G-1	IC6	G-3	*Q211	E-1		
FS7	A-3	FS86	G-1	IC7	G-3	*Q212	D-3		
FS8	B-3	FS87	H-1	IC8	F-2	*Q213	D-3		
FS9	B-3	FS88	H-1	IC9	G-2	*Q214	D-3		
FS10	A-3	FS89	H-1	IC10	G-2	*Q215	E-2		
FS11	B-3	FS90	G-1	IC11	H-4	Q216	A-5		
FS12	A-3	FS91	G-1	IC12	E-5	Q217	A-5		
FS13	A-3	FS92	G-2	IC13	D-4	Q218	C-5		
FS14	B-3	FS93	G-2	IC14	E-3	Q219	C-5		
FS15	B-3	FS94	F-2	IC15	J-4	*Q220	B-4		
FS16	A-4	FS96	H-2	IC201	A-2	*Q221	B-4		
FS17	A-4	FS97	H-2	IC202	A-4	Q223	C-4		
FS18	A-4	FS98	F-2	IC203	A-3	*Q224	B-2		
FS19	B-4	FS99	F-2	IC204	B-3	*Q225	B-2		
FS20	A-4	FS100	G-2	IC205	C-4	*Q226	B-2		
FS21	A-4	FS101	H-2	IC206	C-3	*Q401	G-4		
FS22	A-5	FS102	H-2	IC207	C-3	*Q402	F-5		
FS23	A-5	FS103	G-3	IC208	C-2	*Q403	F-3		
FS24	A-5	FS105	G-3	IC209	C-2				
FS25	B-5	FS106	H-3	IC210	C-4	RV1	J-1		
FS26	A-5	FS107	H-3	IC211	A-4	RV2	J-1		
FS27	B-5	FS108	H-3	IC401	F-4	RV3	J-1		
FS28	B-5	FS109	H-3	IC402	F-4	RV4	H-1		
FS29	B-5	FS110	G-3	*IC405	C-5	RV5	H-1		
FS30	C-1	FS111	G-4	*IC406	D-5	RV201	B-1		
FS31	C-1	FS112	G-4	*IC407	D-5	RV202	B-1		
FS32	C-1	FS113	G-4	*IC408	C-5	RV203	B-1		
FS33	C-1	FS114	H-4	*IC409	D-5	RV204	C-1		
FS34	C-1	FS115	H-4	IC410	F-5	RV205	C-1		
FS35	C-1	FS116	G-4						
FS36	D-1	FS117	H-4	PS1	G-5	S1	J-1		
FS38	C-2	FS118	H-4	PS2	G-5	S2	G-1		
FS39	C-2	FS119	H-5			S201	A-1		

* : B SIDE
P : UVW-1800P ONLY
N : UVW-1800 ONLY

UVW-1800 (J) ;Serial No.10901 and higher
UVW-1800 (UC) ;Serial No.13931 and higher
UVW-1800P(EK) ;Serial No.14141 and higher

AP-31/31P(1/3) ;CH-1 PB EQ/NR,LINE/METER/HP DRIVE





*	UVW-1800	
	J.U.C	EK
C2	390P	470P
C3	47P	47P
C4	68P	22P
C5	10/50V	10/50V
C13	N' M	6800P(:PT)
C14	N' M	3300P
R7	10K	10K
R15	N' M	▲10K
R37	▲150K	▲270K
R38	▲120K	▲120K
R39	▲270K	▲270K
R41	▲15K	▲56K
R42	▲68K	▲100K
R43	▲100K	N' M
R44	▲150K	▲1M
R45	▲27K	▲22K
W3	1-952-673-11	1-952-673-11

△ =:RN ▲ =:RN-C

AP-31/31P BOARD (1/3)

BOARD NO.1-648-906-12
UVW-1800 (J) ;#10901-
UVW-1800 (UC) ;#13931-
UVW-1800P (EK) ;#14141-

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P (EK) ; Serial No.14141 and higher

AP-31/31P (2/3) ; CH-2 PB EQ/NR, LINE/METER/HP DRIVE

AP-31 (1-648-906-12)

1

2

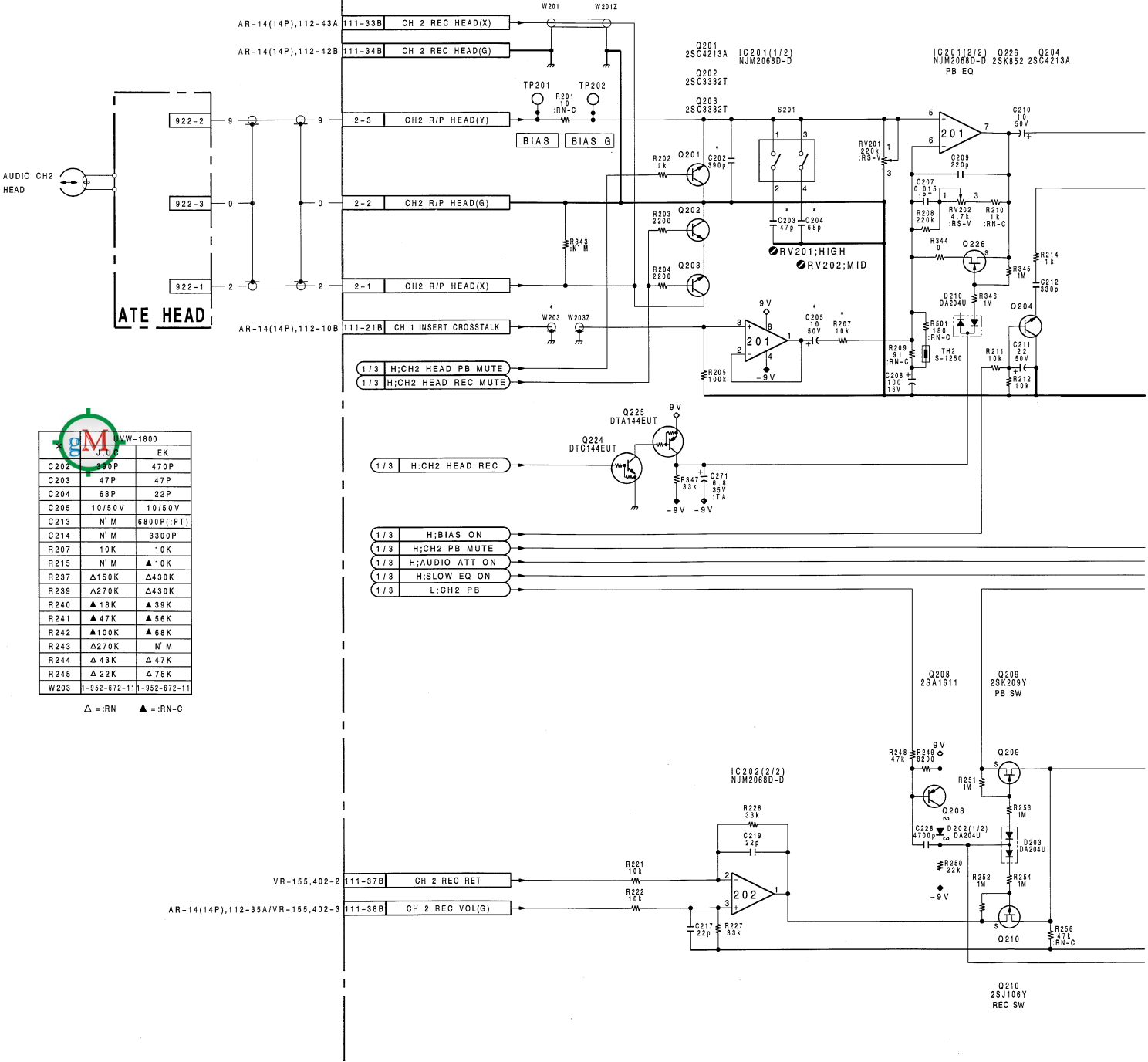
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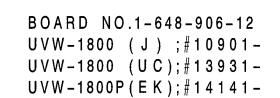
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CN1	H-1	FS40	C-2	FS121	G-5	*Q1	H-1	S202	C-1
CN2	A-1	FS41	D-2	FS122	G-5	Q2	H-2	TH1	J-2
CN3	G-4	FS43	C-2	FS123	H-5	Q3	H-2	TH2	A-2
CN111	E-5	FS44	D-2	FS124	H-5	*Q4	J-2		
		FS44	D-3	FS125	H-1	*Q5	J-2		
*D1	J-2	FS45	D-2	FS126	J-1	*Q6	J-2	TP1	H-1
*D2	H-3	FS46	D-2	FS127	J-1	*Q7	J-2	TP2	J-1
*D3	H-4	FS47	C-3	FS128	J-1	*Q8	H-3	TP3	J-2
*D5	G-3	FS48	C-3	FS129	H-2	*Q9	H-4	TP4	G-2
*D6	G-3	FS49	C-3	FS129	J-2	*Q10	H-4	TP5	G-1
*D7	J-5	FS50	C-3	FS130	J-2	*Q11	C-2	TP201	A-1
*D8	H-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP202	A-1
*D10	G-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP203	B-2
*D11	E-3	FS53	C-3	FS133	J-3	*Q14	G-3	TP204	C-2
*D12	F-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP205	D-1
*D13	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP401	G-4
*D15	E-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP402	G-5
*D16	E-3	FS57	D-4	FS137	J-3	Q18	J-5	TP403	D-1
*D17	J-2	FS58	C-4	FS138	J-3	Q19	J-5		
*D18	H-3	FS59	C-4	FS139	H-3	Q20	H-5		
*D201	A-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D202	C-3	FS63	D-4	FS141	J-3	*Q22	J-4		
*D203	C-4	FS64	B-4	FS142	J-4	*Q23	H-4		
*D204	D-3	FS65	D-5	FS143	J-4	Q25	G-4		
*D205	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
*D206	A-5	FS67	D-5	FS145	J-4	*Q26	E-4		
*D207	B-5	FS68	E-5	FS146	J-4	*Q27	D-4		
*D209	C-4	FS69	C-5	FS147	J-5	Q28	H-3		
*D210	B-2	FS70	C-5	FS148	J-5	Q29	A-3		
D211	A-3	FS71	E-3	FS149	J-5	Q30	E-3		
*D401	F-3	FS72	E-3	FS150	H-5	*Q34	J-2		
*D403	F-5	FS73	F-3	FS151	H-5	*Q35	J-2		
*D500	D-5	FS74	E-4	FS152	H-5	*Q36	J-2		
		FS75	E-4	FS153	G-5	*Q201	A-1		
E1	H-4	FS76	F-4	FS154	G-5	Q202	A-2		
E2	G-1	FS77	F-4	FS155	H-5	Q203	A-2		
E201	B-4	FS78	E-5	FS156	H-5	*Q204	B-2		
E202	E-1	FS79	F-5			*Q205	A-2		
		FS80	F-5	IC1	J-2	*Q206	A-2		
FS1	A-1	FS81	H-1	IC2	J-4	*Q207	B-2		
FS3	A-2	FS82	H-1	IC3	J-3	*Q208	C-3		
FS4	B-2	FS83	G-1	IC4	H-3	*Q209	B-4		
FS5	B-2	FS84	G-1	IC5	G-4	*Q210	B-4		
FS6	B-2	FS85	G-1	IC6	G-3	*Q211	E-1		
FS7	A-3	FS86	G-1	IC7	G-3	*Q212	D-3		
FS8	B-3	FS87	H-1	IC8	F-2	*Q213	D-3		
FS9	B-3	FS88	H-1	IC9	G-2	*Q214	D-3		
FS10	A-3	FS89	H-1	IC10	G-2	*Q215	E-2		
FS11	B-3	FS90	G-1	IC11	H-4	Q216	A-5		
FS12	A-3	FS91	G-1	IC12	E-5	Q217	A-5		
FS13	A-3	FS92	G-2	IC13	D-4	Q218	C-5		
FS14	B-3	FS93	G-2	IC14	E-3	Q219	C-5		
FS15	B-3	FS94	F-2	IC15	J-4	*Q220	B-4		
FS16	A-4	FS96	H-2	IC201	A-2	*Q221	B-4		
FS17	A-4	FS97	H-2	IC202	A-4	Q223	C-4		
FS18	A-4	FS98	F-2	IC203	A-3	*Q224	B-2		
FS19	B-4	FS99	F-2	IC204	B-3	*Q225	B-2		
FS20	A-4	FS100	G-2	IC205	C-4	*Q226	B-2		
FS21	A-4	FS101	H-2	IC206	C-3	*Q401	G-4		
FS22	A-5	FS102	H-2	IC207	C-3	*Q402	F-5		
FS23	A-5	FS103	G-3	IC208	C-2	*Q403	F-3		
FS24	A-5	FS105	G-3	IC209	C-2				
FS25	B-5	FS106	H-3	IC210	C-4	RV1	J-1		
FS26	A-5	FS107	H-3	IC211	A-4	RV2	J-1		
FS27	B-5	FS108	H-3	IC401	F-4	RV3	J-1		
FS28	B-5	FS109	H-3	IC402	F-4	RV4	H-1		
FS29	B-5	FS110	G-3	*IC405	C-5	RV5	H-1		
FS30	C-1	FS111	G-4	*IC406	D-5	RV201	B-1		
FS31	C-1	FS112	G-4	*IC407	D-5	RV202	B-1		
FS32	C-1	FS113	G-4	*IC408	C-5	RV203	B-1		
FS33	C-1	FS114	H-4	*IC409	D-5	RV204	C-1		
FS34	C-1	FS115	H-4	IC410	F-5	RV205	C-1		
FS35	C-1	FS116	G-4						
FS36	D-1	FS117	H-4	PS1	G-5	S1	J-1		
FS38	C-2	FS118	H-4	PS2	G-5	S2	G-1		
FS39	C-2	FS119	H-5			S201	A-1		

* : B SIDE
P : UVW-1800P ONLY
N : UVW-1800 ONLY





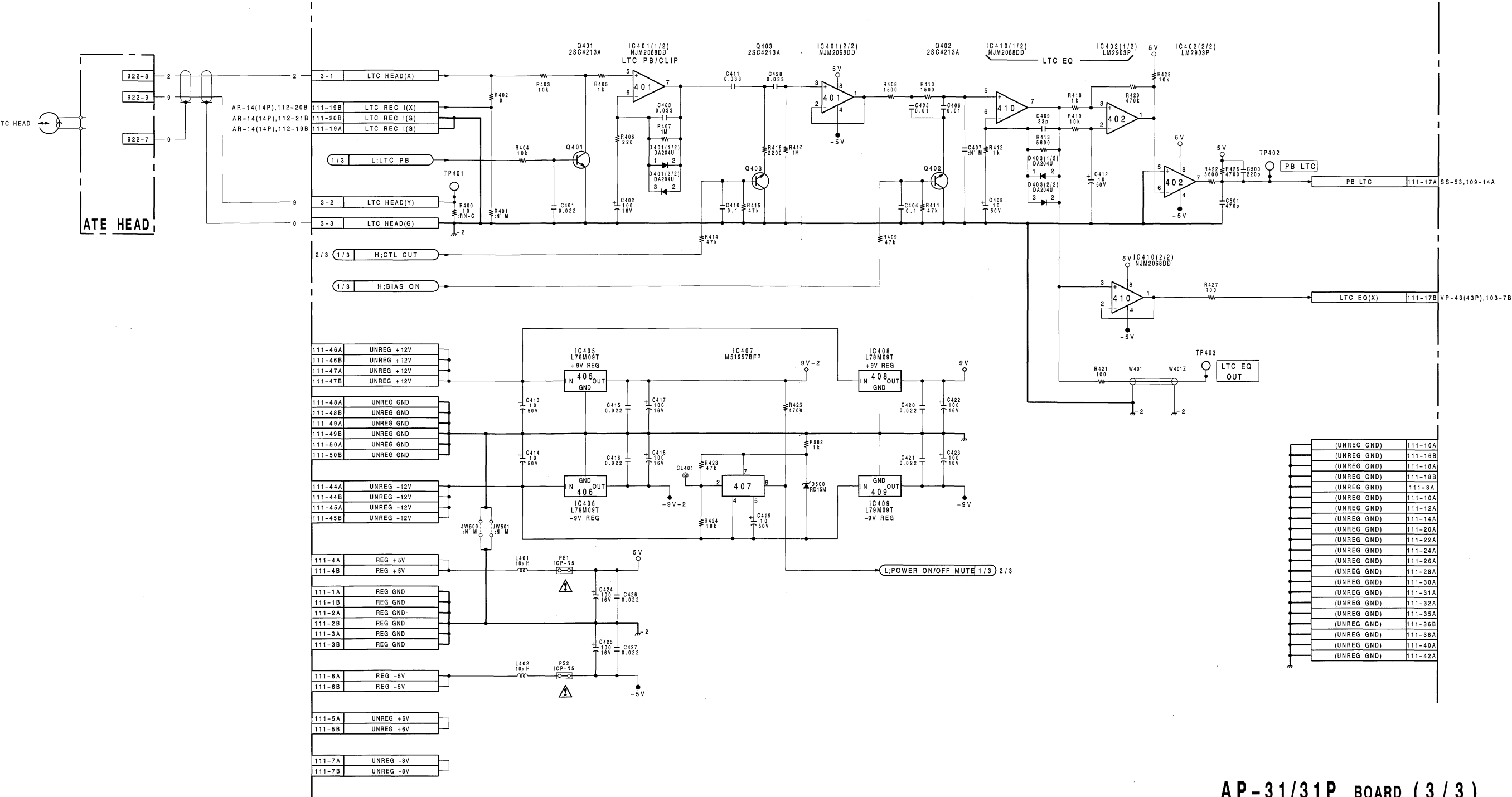
AP-31 (1-648-906-12)

CN1	H-1	FS40	C-2	FS121	G-5	*Q1	H-1	S202	C-1
CN2	A-1	FS41	D-2	FS122	G-5	Q2	H-2		
CN3	G-4	FS43	C-2	FS123	H-5	Q3	H-2	TH1	J-2
CN111	E-5	FS44	D-2	FS124	H-5	*Q4	J-2	TH2	A-2
		FS44	D-3	FS125	H-1	*Q5	J-2		
*D1	J-2	FS45	D-2	FS126	J-1	*Q6	J-2	TP1	H-1
*D2	H-3	FS46	D-2	FS127	J-1	*Q7	J-2	TP2	J-1
*D3	H-4	FS47	C-3	FS128	J-1	*Q8	H-3	TP3	J-2
*D5	G-3	FS48	C-3	FS129	H-2	*Q9	H-4	TP4	G-2
*D6	G-3	FS49	C-3	FS129	N J-2	*Q10	H-4	TP5	G-1
*D7	J-5	FS50	C-3	FS130	J-2	*Q11	C-2	TP201	A-1
*D8	H-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP202	A-1
*D10	G-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP203	B-2
*D11	E-3	FS53	C-3	FS133	J-3	*Q14	G-3	TP204	C-2
*D12	F-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP205	D-1
*D13	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP401	G-4
*D15	E-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP402	G-5
*D16	E-3	FS57	D-4	FS137	J-3	Q18	J-5	TP403	D-1
*D17	J-2	FS58	C-4	FS138	J-3	Q19	J-5		
*D18	H-3	FS59	C-4	FS139	H-3	Q20	H-5		
*D201	A-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D202	C-3	FS63	D-4	FS141	J-3	*Q22	J-4		
*D203	C-4	FS64	B-4	FS142	J-4	*Q23	H-4		
*D204	D-3	FS65	D-5	FS143	J-4	Q25	G-4		
*D205	D-3	FS66	D-5	FS144	J-4	*Q26	P E-3		
*D206	A-5	FS67	D-5	FS145	J-4	*Q26	N E-4		
*D207	B-5	FS68	E-5	FS146	J-4	*Q27	D-4		
*D209	C-4	FS69	C-5	FS147	J-5	Q28	H-3		
*D210	B-2	FS70	C-5	FS148	J-5	Q29	A-3		
D211	A-3	FS71	E-3	FS149	J-5	Q30	E-3		
*D401	F-3	FS72	E-3	FS150	H-5	*Q34	J-2		
*D403	F-5	FS73	F-3	FS151	H-5	*Q35	J-2		
*D500	D-5	FS74	E-4	FS152	H-5	*Q36	J-2		
		FS75	E-4	FS153	G-5	*Q201	A-1		
E1	H-4	FS76	F-4	FS154	G-5	Q202	A-2		
E2	G-1	FS77	F-4	FS155	H-5	Q203	A-2		
E201	B-4	FS78	E-5	FS156	H-5	*Q204	B-2		
E202	E-1	FS79	F-5			*Q205	A-2		
		FS80	F-5	IC1	J-2	*Q206	A-2		
FS1	A-1	FS81	H-1	IC2	J-4	*Q207	B-2		
FS3	A-2	FS82	H-1	IC3	J-3	*Q208	C-3		
FS4	B-2	FS83	G-1	IC4	H-3	*Q209	B-4		
FS5	B-2	FS84	G-1	IC5	G-4	*Q210	B-4		
FS6	B-2	FS85	G-1	IC6	G-3	*Q211	E-1		
FS7	A-3	FS86	G-1	IC7	G-3	*Q212	D-3		
FS8	B-3	FS87	H-1	IC8	F-2	*Q213	D-3		
FS9	B-3	FS88	H-1	IC9	G-2	*Q214	D-3		
FS10	A-3	FS89	H-1	IC10	G-2	*Q215	E-2		
FS11	B-3	FS90	G-1	IC11	H-4	Q216	A-5		
FS12	A-3	FS91	G-1	IC12	E-5	Q217	A-5		
FS13	A-3	FS92	G-2	IC13	D-4	Q218	C-5		
FS14	B-3	FS93	G-2	IC14	E-3	Q219	C-5		
FS15	B-3	FS94	F-2	IC15	J-4	*Q220	B-4		
FS16	A-4	FS96	H-2	IC201	A-2	*Q221	B-4		
FS17	A-4	FS97	H-2	IC202	A-4	Q223	C-4		
FS18	A-4	FS98	F-2	IC203	A-3	*Q224	B-2		
FS19	B-4	FS99	F-2	IC204	B-3	*Q225	B-2		
FS20	A-4	FS100	G-2	IC205	C-4	*Q226	B-2		
FS21	A-4	FS101	H-2	IC206	C-3	*Q401	G-4		
FS22	A-5	FS102	H-2	IC207	C-3	*Q402	F-5		
FS23	A-5	FS103	G-3	IC208	C-2	*Q403	F-3		
FS24	A-5	FS105	G-3	IC209	C-2				
FS25	B-5	FS106	H-3	IC210	C-4	RV1	J-1		
FS26	A-5	FS107	H-3	IC211	A-4	RV2	J-1		
FS27	B-5	FS108	H-3	IC401	F-4	RV3	J-1		
FS28	B-5	FS109	H-3	IC402	F-4	RV4	H-1		
FS29	B-5	FS110	G-3	*IC405	C-5	RV5	H-1		
FS30	C-1	FS111	G-4	*IC406	D-5	RV201	B-1		
FS31	C-1	FS112	G-4	*IC407	D-5	RV202	B-1		
FS32	C-1	FS113	G-4	*IC408	C-5	RV203	B-1		
FS33	C-1	FS114	H-4	*IC409	D-5	RV204	C-1		
FS34	C-1	FS115	H-4	IC410	F-5	RV205	C-1		
FS35	C-1	FS116	G-4						
FS36	D-1	FS117	H-4	PS1	G-5	S1	J-1		
FS38	C-2	FS118	H-4	PS2	G-5	S2	G-1		
FS39	C-2	FS119	H-5			S201	A-1		

* : B SIDE
P : UVW-1800P ONLY
N : UVW-1800 ONLY

UVW-1800 (J) ;Serial No.10901 and higher
UVW-1800 (UC);Serial No.13931 and higher
UVW-1800P(EK);Serial No.14141 and higher

AP-31/31P(3/3);LTC PB



AP-31/31P BOARD (3/3)

BOARD NO.1-648-906-12
UVW-1800 (J) ;#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-

AP-31 (1-648-906-11)

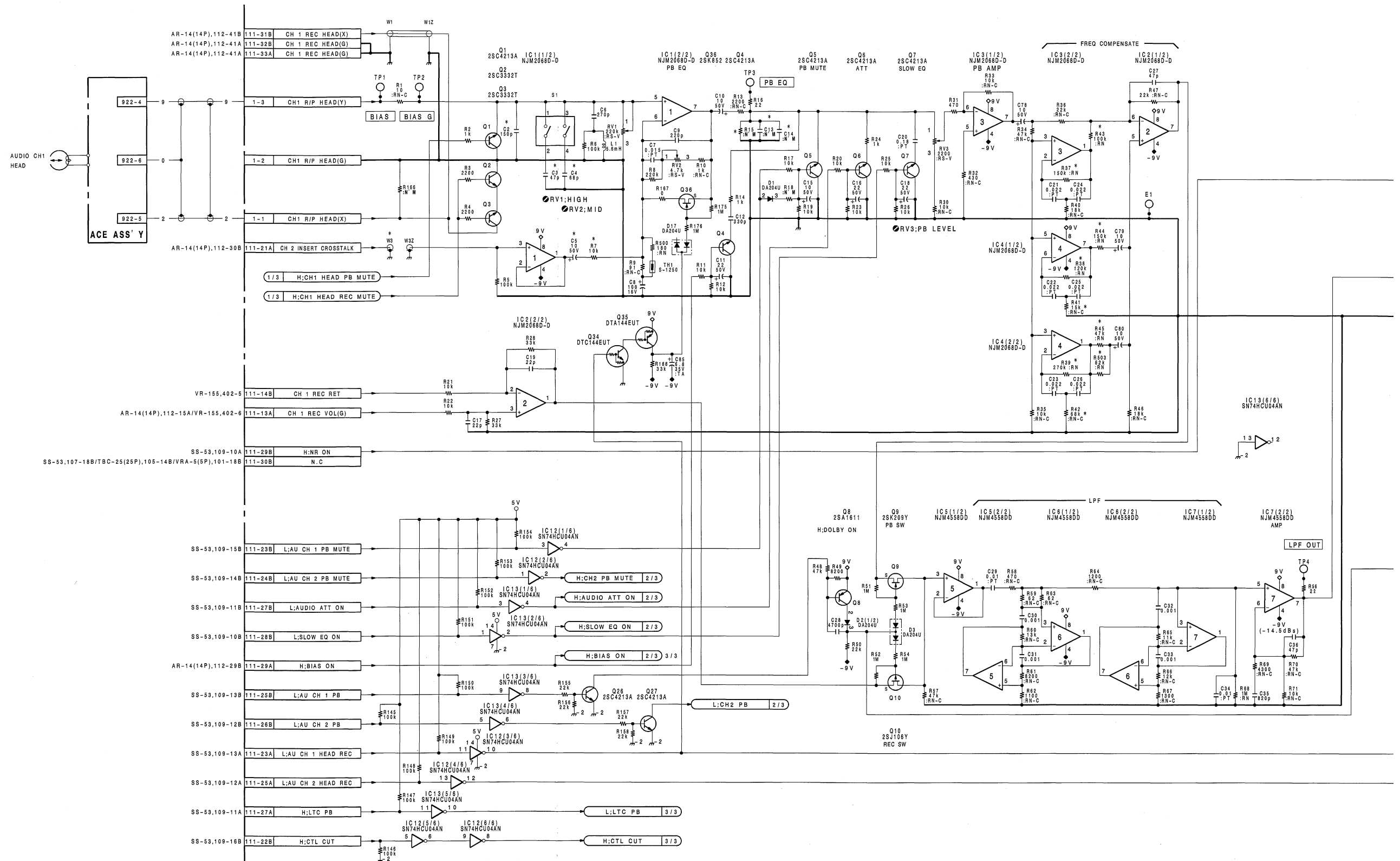
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CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	*TH2	B-2
CN3	G-4	FS43	C-2	FS123	H-5	*Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	*Q5	J-2	TP1	H-1
		FS45	D-2	FS125	H-1	*Q6	J-2	TP2	J-1
*D1	J-2	FS46	D-2	FS126	J-1	*Q7	J-2	TP3	J-2
*D2	H-3	FS47	C-3	FS127	J-1	*Q8	H-3	TP4	G-2
*D3	H-4	FS48	C-3	FS128	J-1	*Q9	H-4	TP5	G-1
*D5	G-3	FS49	C-3	FS129	H-2	*Q10	H-4	TP201	A-1
*D6	G-3	FS50	C-3	FS130	J-2	*Q11	C-2	TP202	A-1
*D7	J-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP203	B-2
*D8	H-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP204	C-2
*D10	G-5	FS53	C-3	FS133	J-3	*Q14	G-3	TP205	D-1
*D11	E-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP401	G-4
*D12	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP402	G-5
*D13	F-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP403	D-1
*D15	E-3	FS57	D-4	FS137	J-3	Q18	J-5		
*D16	E-3	FS58	C-4	FS138	J-3	Q19	J-5		
*D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
*D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D201	A-2	FS63	D-4	FS141	J-3	*Q22	J-4		
*D202	C-3	FS64	B-4	FS142	J-4	*Q23	H-4		
*D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
*D204	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
*D205	D-3	FS67	D-5	FS145	J-4	*Q27	D-4		
*D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
*D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
*D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
*D210	B-2	FS71	E-3	FS149	J-5	*Q34	J-2		
*D211	A-3	FS72	E-3	FS150	H-5	*Q35	J-2		
*D401	F-3	FS73	F-3	FS151	H-5	*Q36	J-2		
*D403	F-5	FS74	E-4	FS152	H-5	*Q201	A-1		
*D500	P D-5	FS75	E-4	FS153	G-5	Q202	A-2		
		FS76	F-4	FS154	G-5	Q203	A-2		
E1	H-4	FS77	F-4	FS155	H-5	*Q204	B-2		
E2	G-1	FS78	E-5	FS156	H-5	*Q205	A-2		
E201	B-4	FS79	F-5			*Q206	A-2		
E202	E-1	FS80	F-5	IC1	J-2	*Q207	B-2		
		FS81	H-1	IC2	J-4	*Q208	C-3		
FS1	A-1	FS82	H-1	IC3	J-3	*Q209	B-4		
FS3	A-2	FS83	G-1	IC4	H-3	*Q210	B-4		
FS4	B-2	FS84	G-1	IC5	G-4	*Q211	E-1		
FS5	B-2	FS85	G-1	IC6	G-3	*Q212	D-3		
FS6	B-2	FS86	G-1	IC7	G-3	*Q213	D-3		
FS7	A-3	FS87	H-1	IC8	F-2	*Q214	D-3		
FS8	B-3	FS88	H-1	IC9	G-2	*Q215	E-2		
FS9	B-3	FS89	H-1	IC10	G-2	Q216	A-5		
FS10	A-3	FS90	G-1	IC11	H-4	Q217	A-5		
FS11	B-3	FS91	G-1	IC12	E-5	Q218	C-5		
FS12	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
FS13	A-3	FS93	G-2	IC14	E-3	*Q220	B-4		
FS14	B-3	FS94	F-2	IC15	J-4	*Q221	B-4		
FS15	B-3	FS96	H-2	IC201	A-2	Q223	C-4		
FS16	A-4	FS97	H-2	IC202	A-4	*Q224	B-2		
FS17	A-4	FS98	F-2	IC203	A-3	*Q225	B-2		
FS18	A-4	FS99	F-2	IC204	B-3	*Q226	B-2		
FS19	B-4	FS100	G-2	IC205	C-4	*Q401	G-4		
FS20	A-4	FS101	H-2	IC206	C-3	*Q402	F-5		
FS21	A-4	FS102	H-2	IC207	C-3	*Q403	F-3		
FS22	A-5	FS103	G-3	IC208	C-2				
FS23	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
FS24	A-5	FS105	G-3	IC210	C-4	RV2	J-1		
FS25	B-5	FS106	H-3	IC211	A-4	RV3	J-1		
FS26	A-5	FS107	H-3	IC401	F-4	RV4	H-1		
FS27	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
FS28	B-5	FS109	H-3	*IC405	C-5	RV201	B-1		
FS29	B-5	FS110	G-3	*IC406	D-5	RV202	B-1		
FS30	C-1	FS111	G-4	*IC407	D-5	RV203	B-1		
FS31	C-1	FS112	G-4	*IC408	C-5	RV204	C-1		
FS32	C-1	FS113	G-4	*IC409	D-5	RV205	C-1		
FS33	C-1	FS114	H-4	IC410	F-5				
FS34	C-1	FS115	H-4			S1	J-1		
FS35	C-1	FS116	G-4	PS1	G-5	S2	G-1		
FS36	D-1	FS117	H-4	PS2	G-5	S201	A-1		
FS38	C-2	FS118	H-4			S202	C-1		
FS39	C-2	FS119	H-5	*Q1	H-1				

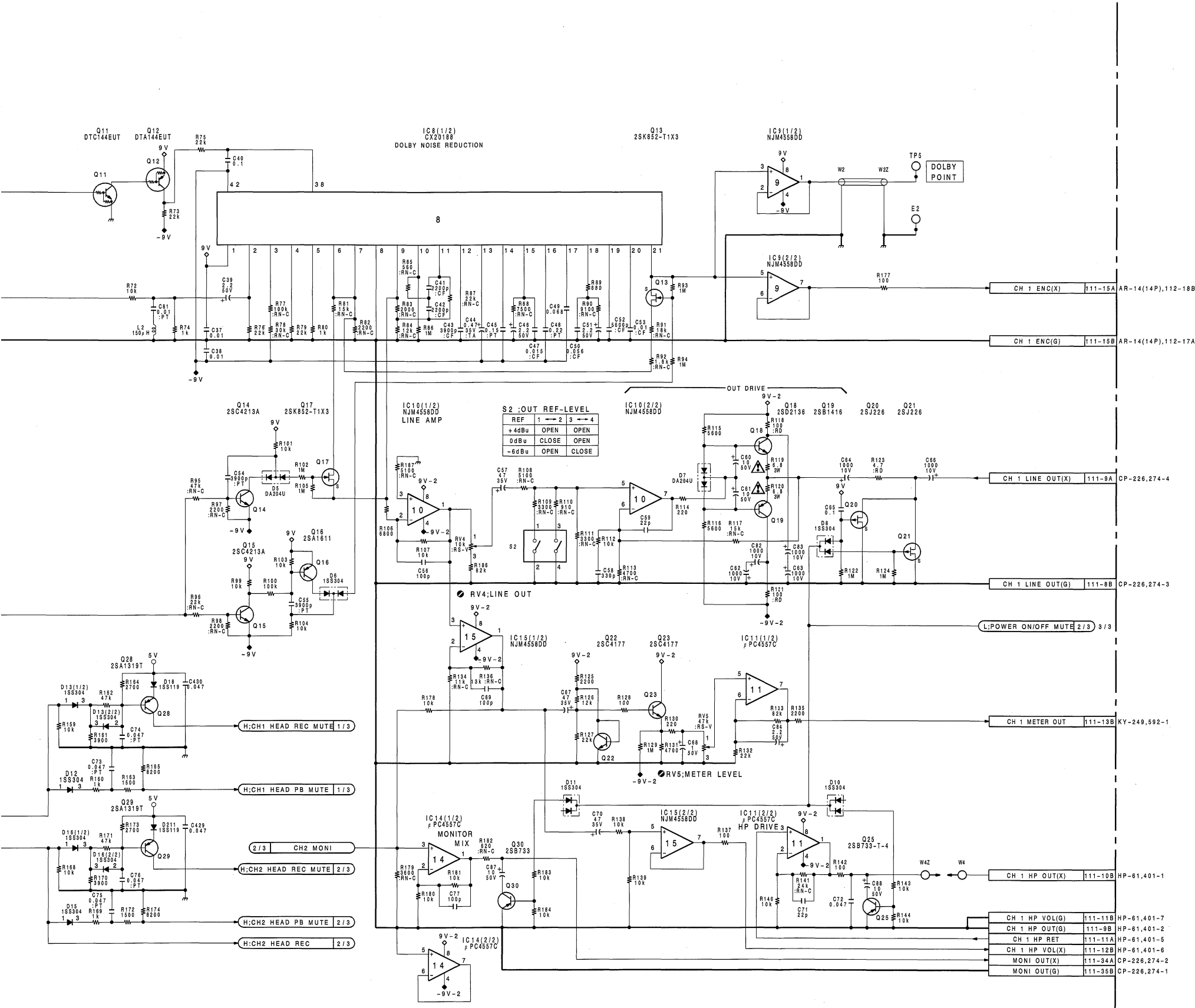
* : B SIDE

P : UVW-1800P ONLY

UVW-1800 (J) ; Serial No.10001 through 10900
 UVW-1800 (UC) ; Serial No.10001 through 13930
 UVW-1800P(EK) ; Serial No.10001 through 14140

AP-31/31P(1/3) ;CH-1 PB EQ/NR,LINE/METER/HP DRIVE





*	UVW-1800		
	J,UC	EK	
C2	150P	470P	
C3	47P	47P	
C4	68P	22P	
C5	10/50V	10/50V	
C13	N'M	6800P	
C14	N'M	3300P	
R7	10K	10K	
R15	N'M	10K	
R37	Δ150K	Δ270K	
R38	Δ20K	Δ120K	
R39	Δ270K	Δ270K	
R41	Δ15K	Δ56K	
R42	Δ68K	Δ100K	
R43	Δ100K	N'M	
R44	Δ50K	Δ1M	
R45	Δ47K	Δ22K	
R503	Δ62K	N'M	
W3	1-952-873-11	1-952-873-11	

AP-31/31P BOARD (1/3)

BOARD NO.1-648-906-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140

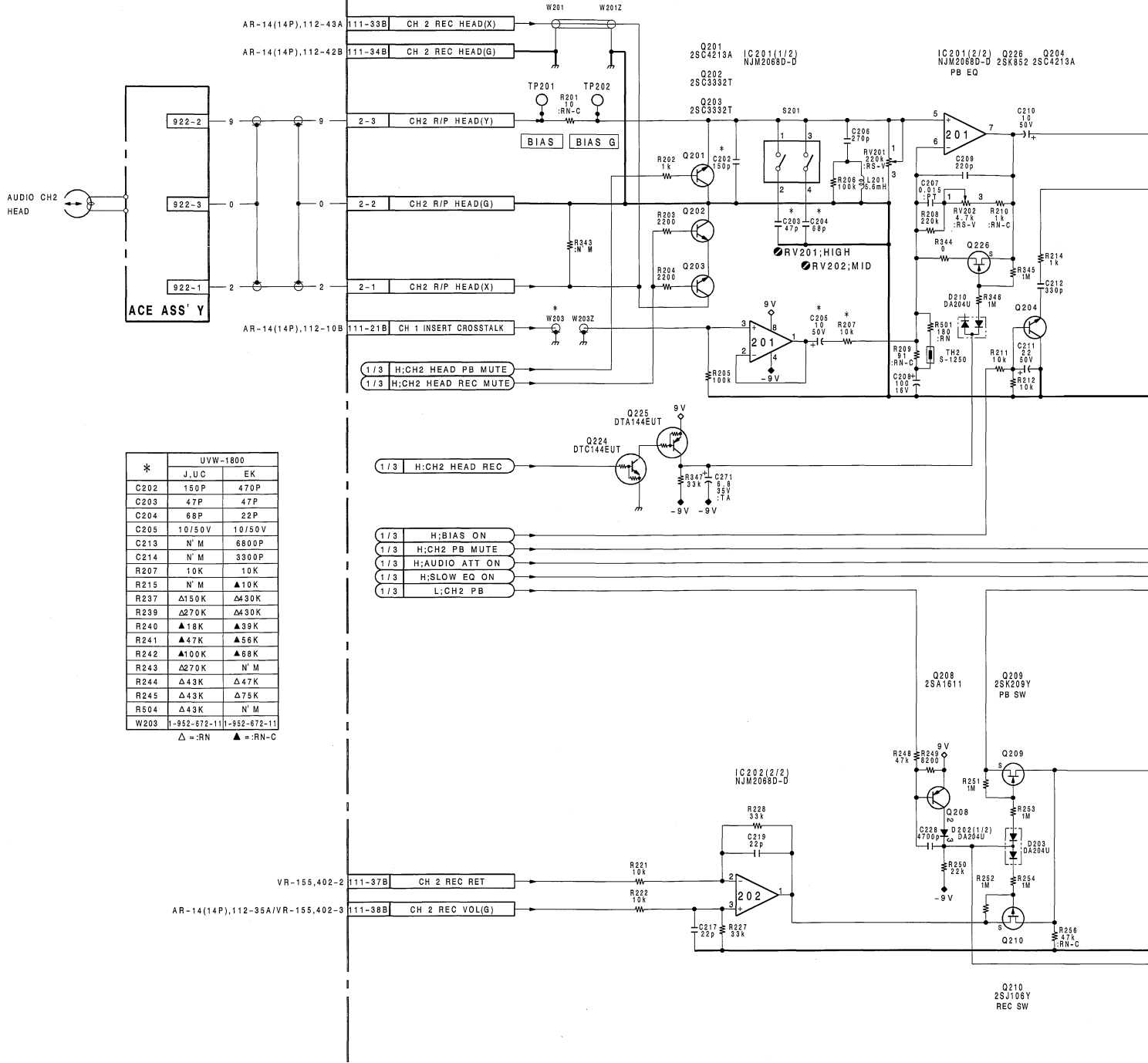
UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC);Serial No.10001 through 13930
UVW-1800P(EK);Serial No.10001 through 14140

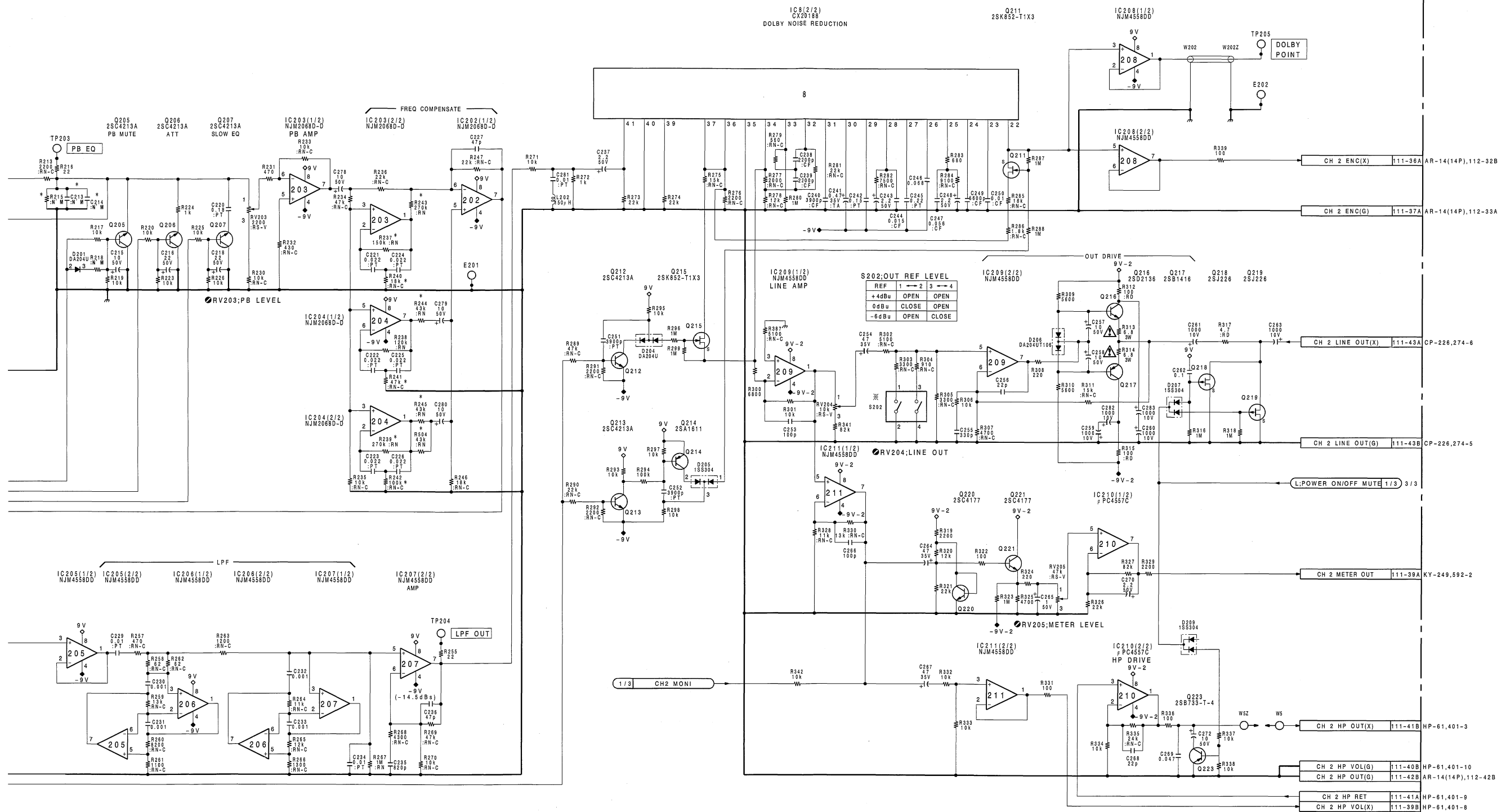
AP-31/31P(2/3) ;CH-2 PB EQ/NR,LINE/METER/HP DRIVE

AP-31 (1-648-906-11)

1	CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	*TH1	J-2
	CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	*TH2	B-2
	CN3	G-4	FS43	C-2	FS123	H-5	*Q4	J-2		
	CN111	E-5	FS44	D-2	FS124	H-5	*Q5	J-2	TP1	H-1
			FS45	D-2	FS125	H-1	*Q6	J-2	TP2	J-1
	*D1	J-2	FS46	D-2	FS126	J-1	*Q7	J-2	TP3	J-2
	*D2	H-3	FS47	C-3	FS127	J-1	*Q8	H-3	TP4	G-2
	*D3	H-4	FS48	C-3	FS128	J-1	*Q9	H-4	TP5	G-1
	*D5	G-3	FS49	C-3	FS129	H-2	*Q10	H-4	TP201	A-1
	*D6	G-3	FS50	C-3	FS130	J-2	*Q11	C-2	TP202	A-1
	*D7	J-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP203	B-2
	*D8	H-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP204	C-2
	*D10	G-5	FS53	C-3	FS133	J-3	*Q14	G-3	TP205	D-1
	*D11	E-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP401	G-4
	*D12	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP402	G-5
	*D13	F-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP403	D-1
	*D15	E-3	FS57	D-4	FS137	J-3	Q18	J-5		
	*D16	E-3	FS58	C-4	FS138	J-3	Q19	J-5		
	*D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
2	*D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
	*D201	A-2	FS63	D-4	FS141	J-3	*Q22	J-4		
	*D202	C-3	FS64	B-4	FS142	J-4	*Q23	H-4		
	*D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
	*D204	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
	*D205	D-3	FS67	D-5	FS145	J-4	*Q27	D-4		
	*D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
	*D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
	*D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
	*D210	B-2	FS71	E-3	FS149	J-5	*Q34	J-2		
	*D211	A-3	FS72	E-3	FS150	H-5	*Q35	J-2		
	*D401	F-3	FS73	F-3	FS151	H-5	*Q36	J-2		
	*D403	F-5	FS74	E-4	FS152	H-5	*Q201	A-1		
	*D500	P D-5	FS75	E-4	FS153	G-5	Q202	A-2		
			FS76	F-4	FS154	G-5	Q203	A-2		
	E1	H-4	FS77	F-4	FS155	H-5	*Q204	B-2		
	E2	G-1	FS78	E-5	FS156	H-5	*Q205	A-2		
	E201	B-4	FS79	F-5			*Q206	A-2		
	E202	E-1	FS80	F-5			*Q207	B-2		
3			FS81	H-1	IC1	J-2	*Q208	C-3		
	FS1	A-1	FS82	H-1	IC2	J-4	*Q209	B-4		
	FS3	A-2	FS83	G-1	IC3	J-3	*Q210	B-4		
	FS4	B-2	FS84	G-1	IC5	G-4	*Q211	E-1		
	FS5	B-2	FS85	G-1	IC6	G-3	*Q212	D-3		
	FS6	B-2	FS86	G-1	IC7	G-3	*Q213	D-3		
	FS7	A-3	FS87	H-1	IC8	F-2	*Q214	D-3		
	FS8	B-3	FS88	H-1	IC9	G-2	*Q215	E-2		
	FS9	B-3	FS89	H-1	IC10	G-2	Q216	A-5		
	FS10	A-3	FS90	G-1	IC11	H-4	Q217	A-5		
	FS11	B-3	FS91	G-1	IC12	E-5	Q218	C-5		
	FS12	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
	FS13	A-3	FS93	G-2	IC14	E-3	*Q220	B-4		
	FS14	B-3	FS94	F-2	IC15	J-4	*Q221	B-4		
	FS15	B-3	FS96	H-2	IC201	A-2	Q223	C-4		
	FS16	A-4	FS97	H-2	IC202	A-4	*Q224	B-2		
	FS17	A-4	FS98	F-2	IC203	A-3	*Q225	B-2		
	FS18	A-4	FS99	F-2	IC204	B-3	*Q226	B-2		
	FS19	B-4	FS100	G-2	IC205	C-4	*Q401	G-4		
4	FS20	A-4	FS101	H-2	IC206	C-3	*Q402	F-5		
	FS21	A-4	FS102	H-2	IC207	C-3	*Q403	F-3		
	FS22	A-5	FS103	G-3	IC208	C-2				
	FS23	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
	FS24	A-5	FS105	G-3	IC210	C-4	RV2	J-1		
	FS25	B-5	FS106	H-3	IC211	A-4	RV3	J-1		
	FS26	A-5	FS107	H-3	IC401	F-4	RV4	H-1		
	FS27	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
	FS28	B-5	FS109	H-3	*IC405	C-5	RV201	B-1		
	FS29	B-5	FS110	G-3	*IC406	D-5	RV202	B-1		
	FS30	C-1	FS111	G-4	*IC407	D-5	RV203	B-1		
	FS31	C-1	FS112	G-4	*IC408	C-5	RV204	C-1		
	FS32	C-1	FS113	G-4	*IC409	D-5	RV205	C-1		
	FS33	C-1	FS114	H-4	IC410	F-5				
	FS34	C-1	FS115	H-4			S1	J-1		
	FS35	C-1	FS116	G-4	PS1	G-5	S2	G-1		
	FS36	D-1	FS117	H-4	PS2	G-5	S201	A-1		
	FS38	C-2	FS118	H-4			S202	C-1		
5	FS39	C-2	FS119	H-5	*Q1	H-1				

* : B SIDE
P : UVW-1800P ONLY





AP-31/31P BOARD (2/3)

BOARD NO.1-648-906-11
 UVW-1800 (J) ;#10001-10900
 UVW-1800 (UC);#10001-13930
 UVW-1800P(EK);#10001-14140

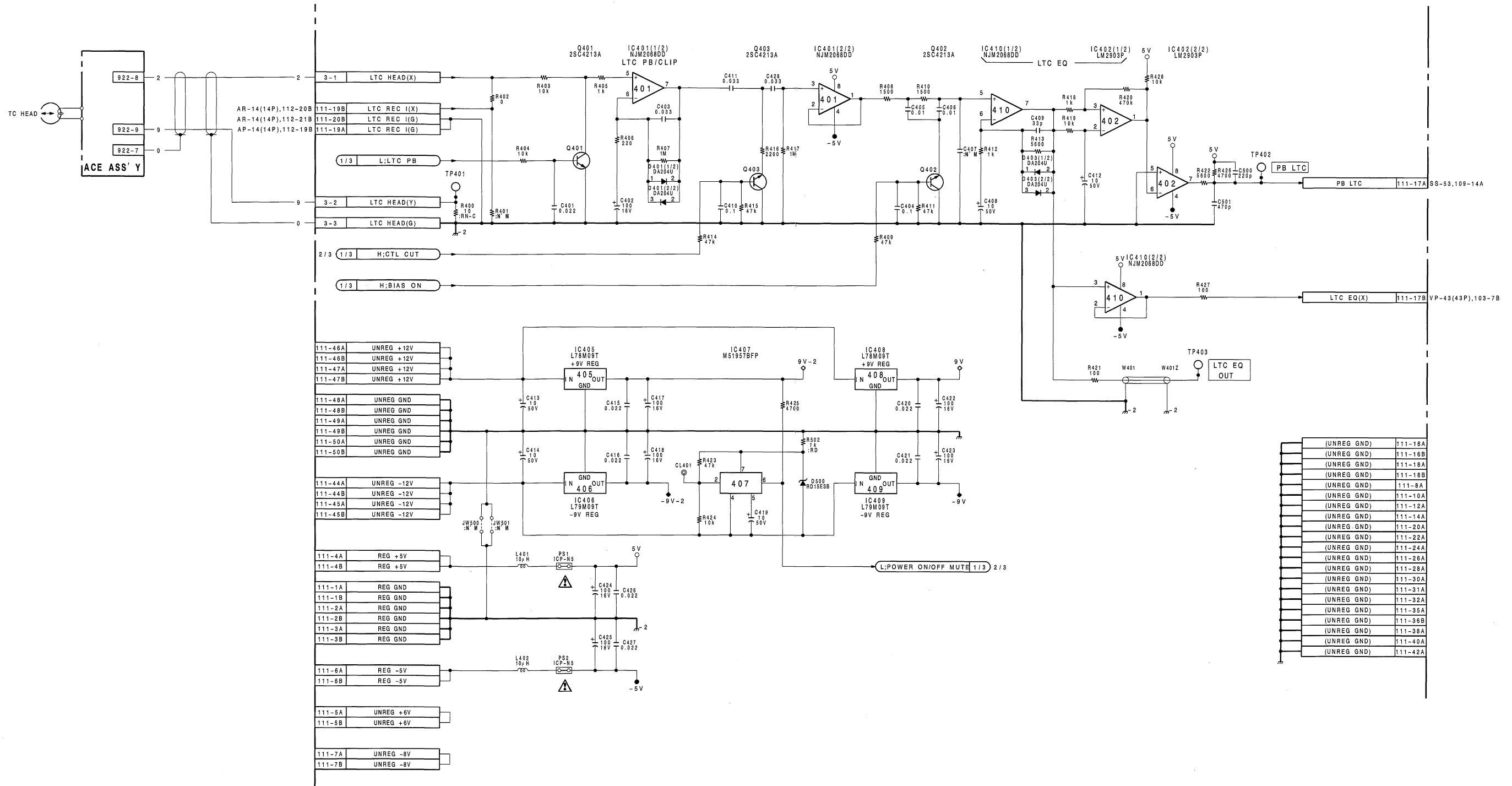
AP-31 (1-648-906-11)

CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	*TH1	J-2
CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	*TH2	B-2
CN3	G-4	FS43	C-2	FS123	H-5	*Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	*Q5	J-2	TP1	H-1
		FS45	D-2	FS125	H-1	*Q6	J-2	TP2	J-1
*D1	J-2	FS46	D-2	FS126	J-1	*Q7	J-2	TP3	J-2
*D2	H-3	FS47	C-3	FS127	J-1	*Q8	H-3	TP4	G-2
*D3	H-4	FS48	C-3	FS128	J-1	*Q9	H-4	TP5	G-1
*D5	G-3	FS49	C-3	FS129	H-2	*Q10	H-4	TP201	A-1
*D6	G-3	FS50	C-3	FS130	J-2	*Q11	C-2	TP202	A-1
*D7	J-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP203	B-2
*D8	H-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP204	C-2
*D10	G-5	FS53	C-3	FS133	J-3	*Q14	G-3	TP205	D-1
*D11	E-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP401	G-4
*D12	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP402	G-5
*D13	F-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP403	D-1
*D15	E-3	FS57	D-4	FS137	J-3	Q18	J-5		
*D16	E-3	FS58	C-4	FS138	J-3	Q19	J-5		
*D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
*D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D201	A-2	FS63	D-4	FS141	J-3	*Q22	J-4		
*D202	C-3	FS64	B-4	FS142	J-4	*Q23	H-4		
*D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
*D204	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
*D205	D-3	FS67	D-5	FS145	J-4	*Q27	D-4		
*D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
*D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
*D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
*D210	B-2	FS71	E-3	FS149	J-5	*Q34	J-2		
*D211	A-3	FS72	E-3	FS150	H-5	*Q35	J-2		
*D401	F-3	FS73	F-3	FS151	H-5	*Q36	J-2		
*D403	F-5	FS74	E-4	FS152	H-5	*Q201	A-1		
*D500	P D-5	FS75	E-4	FS153	G-5	Q202	A-2		
		FS76	F-4	FS154	G-5	Q203	A-2		
E1	H-4	FS77	F-4	FS155	H-5	*Q204	B-2		
E2	G-1	FS78	E-5	FS156	H-5	*Q205	A-2		
E201	B-4	FS79	F-5			*Q206	A-2		
E202	E-1	FS80	F-5	IC1	J-2	*Q207	B-2		
		FS81	H-1	IC2	J-4	*Q208	C-3		
FS1	A-1	FS82	H-1	IC3	J-3	*Q209	B-4		
FS3	A-2	FS83	G-1	IC4	H-3	*Q210	B-4		
FS4	B-2	FS84	G-1	IC5	G-4	*Q211	E-1		
FS5	B-2	FS85	G-1	IC6	G-3	*Q212	D-3		
FS6	B-2	FS86	G-1	IC7	G-3	*Q213	D-3		
FS7	A-3	FS87	H-1	IC8	F-2	*Q214	D-3		
FS8	B-3	FS88	H-1	IC9	G-2	*Q215	E-2		
FS9	B-3	FS89	H-1	IC10	G-2	Q216	A-5		
FS10	A-3	FS90	G-1	IC11	H-4	Q217	A-5		
FS11	B-3	FS91	G-1	IC12	E-5	Q218	C-5		
FS12	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
FS13	A-3	FS93	G-2	IC14	E-3	*Q220	B-4		
FS14	B-3	FS94	F-2	IC15	J-4	*Q221	B-4		
FS15	B-3	FS96	H-2	IC201	A-2	Q223	C-4		
FS16	A-4	FS97	H-2	IC202	A-4	*Q224	B-2		
FS17	A-4	FS98	F-2	IC203	A-3	*Q225	B-2		
FS18	A-4	FS99	F-2	IC204	B-3	*Q226	B-2		
FS19	B-4	FS100	G-2	IC205	C-4	*Q401	G-4		
FS20	A-4	FS101	H-2	IC206	C-3	*Q402	F-5		
FS21	A-4	FS102	H-2	IC207	C-3	*Q403	F-3		
FS22	A-5	FS103	G-3	IC208	C-2				
FS23	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
FS24	A-5	FS105	G-3	IC210	C-4	RV2	J-1		
FS25	B-5	FS106	H-3	IC211	A-4	RV3	J-1		
FS26	A-5	FS107	H-3	IC401	F-4	RV4	H-1		
FS27	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
FS28	B-5	FS109	H-3	*IC405	C-5	RV201	B-1		
FS29	B-5	FS110	G-3	*IC406	D-5	RV202	B-1		
FS30	C-1	FS111	G-4	*IC407	D-5	RV203	B-1		
FS31	C-1	FS112	G-4	*IC408	C-5	RV204	C-1		
FS32	C-1	FS113	G-4	*IC409	D-5	RV205	C-1		
FS33	C-1	FS114	H-4	IC410	F-5				
FS34	C-1	FS115	H-4			S1	J-1		
FS35	C-1	FS116	G-4	PS1	G-5	S2	G-1		
FS36	D-1	FS117	H-4	PS2	G-5	S201	A-1		
FS38	C-2	FS118	H-4			S202	C-1		
FS39	C-2	FS119	H-5	*Q1	H-1				

* : B SIDE

P : UVW-1800P ONLY

AP-31/31P(3/3);LTC PB



AP-31/31P BOARD (3 / 3)

BOARD NO.1-648-906-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC) ;#10001-13930
UVW-1800P (EK) ;#10001-14140

AP-31A (1-648-906-21, 22)

CN1	H-1	FS63	D-4	FS148	J-5	RV1	J-1
CN2	A-1	FS64	B-4	FS149	J-5	RV2	J-1
CN3	G-4	FS65	D-5	FS150	H-5	RV3	J-1
CN111	E-5	FS66	D-5	FS151	H-5	RV4	H-1
		FS67	D-5	FS152	H-5	RV5	H-1
*D1	J-2	FS68	E-5	FS153	G-5	RV201	B-1
*D7	J-5	FS69	C-5	FS154	G-5	RV202	B-1
*D8	H-5	FS70	C-5	FS155	H-5	RV203	B-1
*D10	G-5	FS71	E-3	FS156	H-5	RV204	C-1
*D11	E-3	FS72	E-3			RV205	C-1
*D201	A-2	FS73	F-3	IC1	J-2		
*D206	A-5	FS74	E-4	IC2	J-4	S1	J-1
*D207	B-5	FS75	E-4	IC3	J-3	S2	G-1
*D209	C-4	FS77	F-4	IC4	H-3	S201	A-1
*D401	F-3	FS79	F-5	IC5	G-4	S202	C-1
*D403	F-5	FS80	F-5	IC6	G-3		
*D500	P D-5	FS81	H-1	IC7	G-3	*TH1	J-2
		FS82	H-1	IC8	F-2	*TH2	B-2
E1	H-4	FS83	G-1	IC9	G-2		
E2	G-1	FS84	G-1	IC10	G-2	TP3	J-2
E201	B-4	FS85	G-1	IC11	H-4	TP4	G-2
E202	E-1	FS86	G-1	IC12	E-5	TP5	G-1
		FS87	H-1	IC13	D-4	TP203	B-2
FS1	A-1	FS88	H-1	IC14	E-3	TP204	C-2
FS3	A-2	FS89	H-1	IC15	J-4	TP205	D-1
FS5	B-2	FS90	G-1	IC201	A-2	TP402	G-5
FS6	B-2	FS91	G-1	IC202	A-4	TP403	D-1
FS7	A-3	FS92	G-2	IC203	A-3		
FS9	B-3	FS93	G-2	IC204	B-3		
FS10	A-3	FS94	F-2	IC205	C-4		
FS11	B-3	FS96	H-2	IC206	C-3		
FS12	A-3	FS97	H-2	IC207	C-3		
FS13	A-3	FS98	F-2	IC208	C-2		
FS14	B-3	FS99	F-2	IC209	C-2		
FS15	B-3	FS100	G-2	IC210	C-4		
FS16	A-4	FS101	H-2	IC211	A-4		
FS17	A-4	FS102	H-2	IC401	F-4		
FS18	A-4	FS103	G-3	IC402	F-4		
FS19	B-4	FS106	H-3	*IC405	C-5		
FS20	A-4	FS107	H-3	*IC406	D-5		
FS21	A-4	FS108	H-3	*IC407	D-5		
FS22	A-5	FS109	H-3	*IC408	C-5		
FS23	A-5	FS110	G-3	*IC409	D-5		
FS24	A-5	FS111	G-4	IC410	F-5		
FS25	B-5	FS112	G-4				
FS26	A-5	FS114	H-4	PS1	G-5		
FS27	B-5	FS115	H-4	PS2	G-5		
FS28	B-5	FS116	G-4				
FS29	B-5	FS117	H-4	*Q5	J-2		
FS30	C-1	FS118	H-4	*Q6	J-2		
FS31	C-1	FS119	H-5	*Q7	J-2		
FS32	C-1	FS121	G-5	*Q9	H-4		
FS33	C-1	FS122	G-5	*Q11	C-2		
FS34	C-1	FS123	H-5	*Q12	E-2		
FS35	C-1	FS124	H-5	*Q13	E-1		
FS36	D-1	FS125	H-1	Q18	J-5		
FS38	C-2	FS126	J-1	Q19	J-5		
FS39	C-2	FS127	J-1	Q20	H-5		
FS40	C-2	FS128	J-1	Q21	H-5		
FS41	D-2	FS129	H-2	*Q22	J-4		
FS43	C-2	FS131	J-2	*Q23	H-4		
FS44	D-2	FS132	J-2	Q25	G-4		
FS45	D-2	FS133	J-3	Q30	E-3		
FS46	D-2	FS135	J-3	*Q205	A-2		
FS47	C-3	FS136	H-3	*Q206	A-2		
FS48	C-3	FS137	J-3	*Q207	B-2		
FS49	C-3	FS138	J-3	*Q209	B-4		
FS50	C-3	FS139	H-3	*Q211	E-1		
FS51	C-3	FS140	J-3	Q216	A-5		
FS53	C-3	FS141	J-3	Q217	A-5		
FS54	C-4	FS142	J-4	Q218	C-5		
FS56	D-4	FS143	J-4	Q219	C-5		
FS57	D-4	FS144	J-4	*Q220	B-4		
FS58	C-4	FS145	J-4	*Q221	B-4		
FS59	C-4	FS146	J-4	Q223	C-4		
FS61	D-4	FS147	J-5	*Q403	F-3		

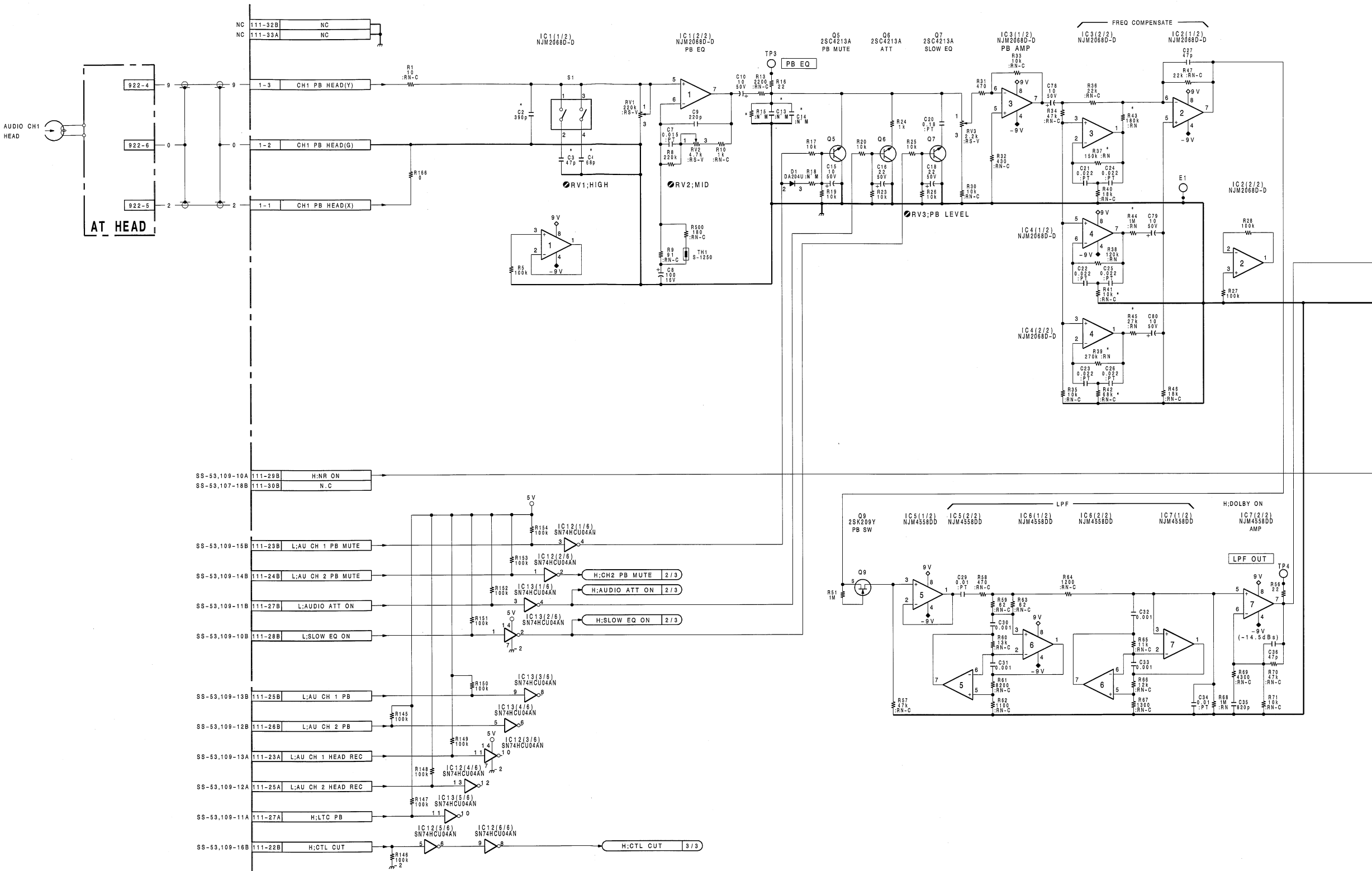
* : B SIDE

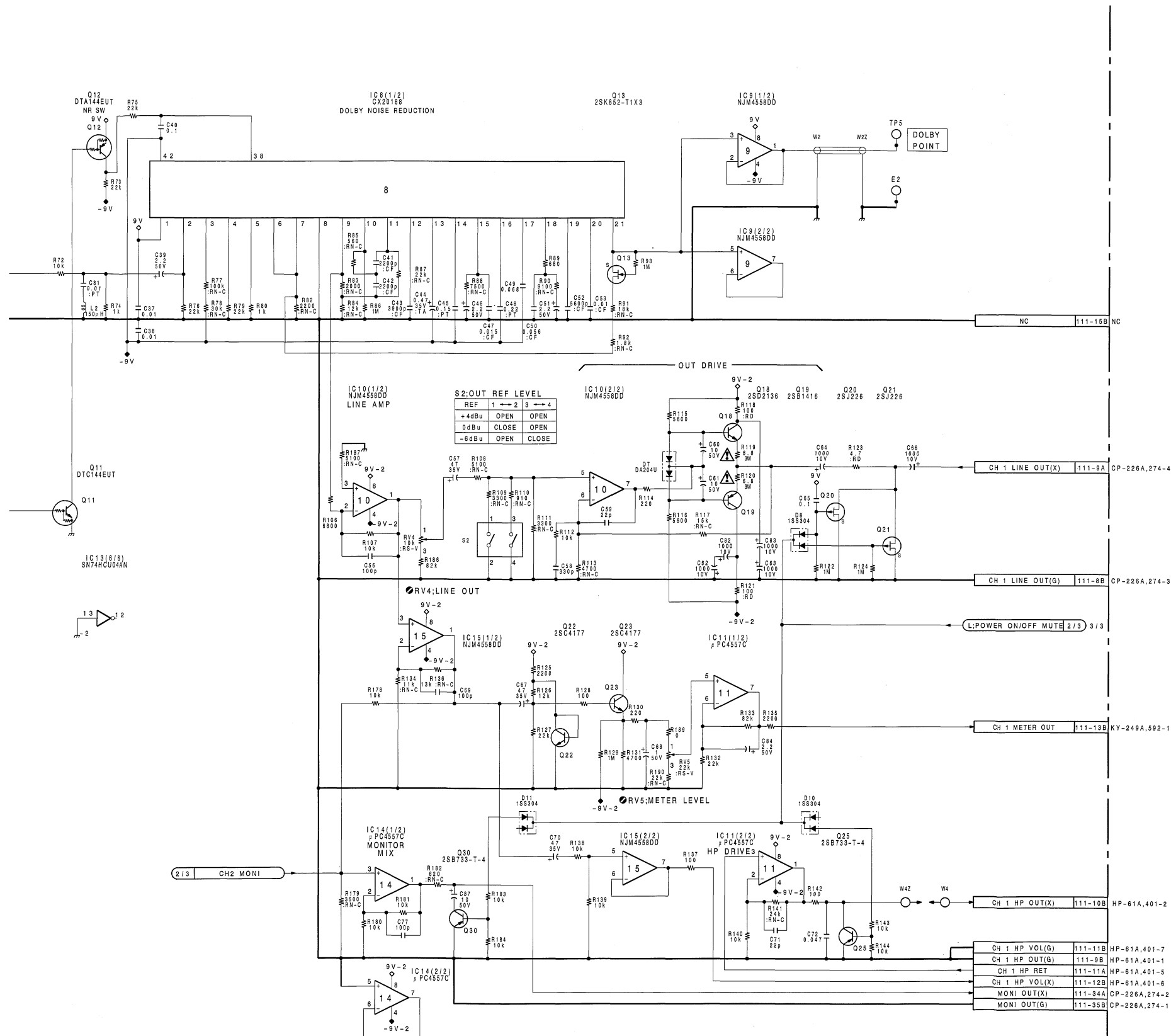
P : UVW-1600P ONLY

N : UVW-1600 ONLY

UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC); Serial No.12901 and higher
UVW-1600P(EK); Serial No.13781 and higher

AP-31A/31AP(1/3);CH-1 PB EQ/NR,LINE/METER/HP DRIVE





	J,UC	EK
C2	390P	470P
C3	47P	47P
C4	68P	22P
C13	N'M	6800P(PT)
C14	N'M	3300P
R15	N'M	▲10K
R37	▲150K	▲270K
R39	▲270K	▲430K
R41	▲10K	▲12K
R42	▲68K	▲68K
R43	▲180K	N'M
R44	▲1M	▲270K
R45	▲27K	▲56K

△ =:RN ▲ =:RN-C

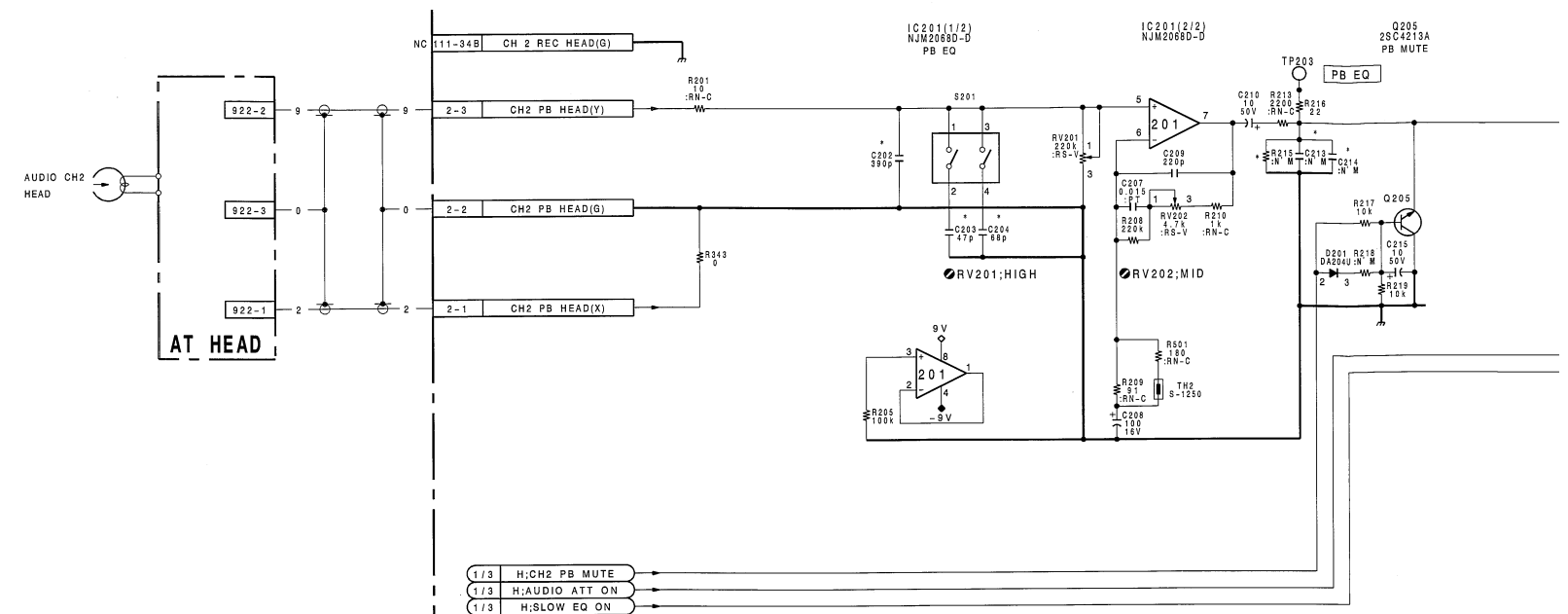
AP-31A/31AP BOARD (1/3)

BOARD NO.1-648-906-22
UVW-1600 (J) ;#10601-
UVW-1600 (UC);#12901-
UVW-1600P(EK);#13781-

AP-31 A (1-648-906-21, 22)

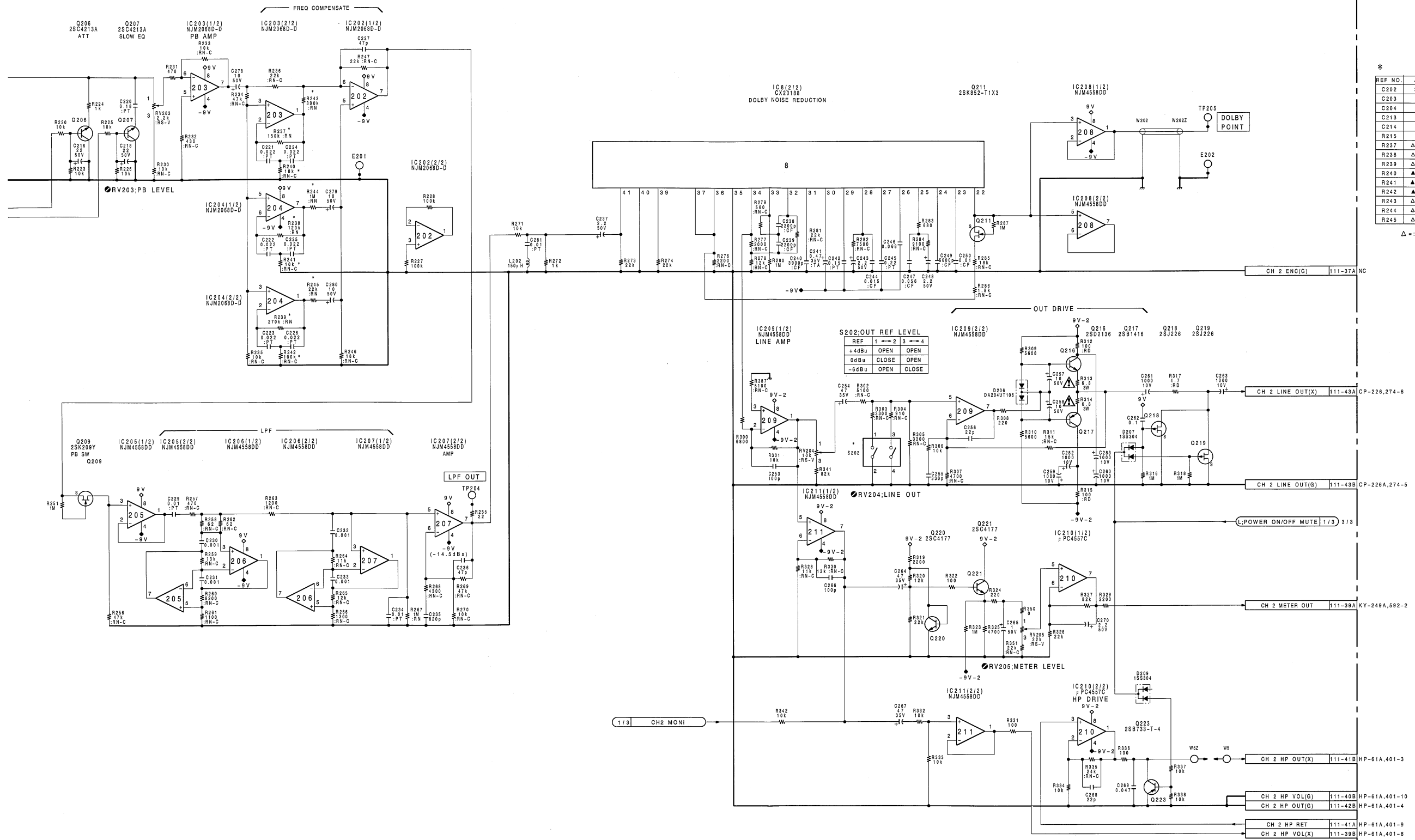
UVW-1600 (J) ;Serial No.10601 and higher
UVW-1600 (UC);Serial No.12901 and higher
UVW-1600P (EK);Serial No.13781 and higher

AP-31A/31AP(2/3);CH-2 PB EQ/NR,LINE/METER/HP DRIVE



1	CN1	H-1	FS63	D-4	FS148	J-5	RV1	J-1
	CN2	A-1	FS64	B-4	FS149	J-5	RV2	J-1
	CN3	G-4	FS65	D-5	FS150	H-5	RV3	J-1
	CN111	E-5	FS66	D-5	FS151	H-5	RV4	H-1
			FS67	D-5	FS152	H-5	RV5	H-1
	*D1	J-2	FS68	E-5	FS153	G-5	RV201	B-1
	*D7	J-5	FS69	C-5	FS154	G-5	RV202	B-1
	*D8	H-5	FS70	C-5	FS155	H-5	RV203	B-1
	*D10	G-5	FS71	E-3	FS156	H-5	RV204	C-1
	*D11	E-3	FS72	E-3			RV205	C-1
	*D201	A-2	FS73	F-3	IC1	J-2		
	*D206	A-5	FS74	E-4	IC2	J-4	S1	J-1
	*D207	B-5	FS75	E-4	IC3	J-3	S2	G-1
	*D209	C-4	FS77	F-4	IC4	H-3	S201	A-1
	*D401	F-3	FS79	F-5	IC5	G-4	S202	C-1
	*D403	F-5	FS80	F-5	IC6	G-3		
	*D500	P D-5	FS81	H-1	IC7	G-3	*TH1	J-2
			FS82	H-1	IC8	F-2	*TH2	B-2
	E1	H-4	FS83	G-1	IC9	G-2		
	E2	G-1	FS84	G-1	IC10	G-2	TP3	J-2
2	E201	B-4	FS85	G-1	IC11	H-4	TP4	G-2
	E202	E-1	FS86	G-1	IC12	E-5	TP5	G-1
			FS87	H-1	IC13	D-4	TP203	B-2
	FS1	A-1	FS88	H-1	IC14	E-3	TP204	D-1
	FS3	A-2	FS89	H-1	IC15	J-4	TP205	D-1
	FS5	B-2	FS90	G-1	IC201	A-2	TP402	G-5
	FS6	B-2	FS91	G-1	IC202	A-4	TP403	D-1
	FS7	A-3	FS92	G-2	IC203	A-3		
	FS9	B-3	FS93	G-2	IC204	B-3		
	FS10	A-3	FS94	F-2	IC205	C-4		
	FS11	B-3	FS96	H-2	IC206	C-3		
	FS12	A-3	FS97	H-2	IC207	C-3		
	FS13	A-3	FS98	F-2	IC208	C-2		
	FS14	B-3	FS99	F-2	IC209	C-2		
	FS15	B-3	FS100	G-2	IC210	C-4		
	FS16	A-4	FS101	H-2	IC211	A-4		
	FS17	A-4	FS102	H-2	IC401	F-4		
	FS18	A-4	FS103	G-3	IC402	F-4		
	FS19	B-4	FS106	H-3	*IC405	C-5		
	FS20	A-4	FS107	H-3	*IC406	D-5		
3	FS21	A-4	FS108	H-3	*IC407	D-5		
	FS22	A-5	FS109	H-3	*IC408	C-5		
	FS23	A-5	FS110	G-3	*IC409	D-5		
	FS24	A-5	FS111	G-4	IC410	F-5		
	FS25	B-5	FS112	G-4				
	FS26	A-5	FS114	H-4	PS1	G-5		
	FS27	B-5	FS115	H-4	PS2	G-5		
	FS28	B-5	FS116	G-4				
	FS29	B-5	FS117	H-4	*Q5	J-2		
	FS30	C-1	FS118	H-4	*Q6	J-2		
	FS31	C-1	FS119	H-5	*Q7	J-2		
	FS32	C-1	FS121	G-5	*Q9	H-4		
	FS33	C-1	FS122	G-5	*Q11	C-2		
	FS34	C-1	FS123	H-5	*Q12	E-2		
	FS35	C-1	FS124	H-5	*Q13	E-1		
	FS36	D-1	FS125	H-1	Q18	J-5		
	FS38	C-2	FS126	J-1	Q19	J-5		
	FS39	C-2	FS127	J-1	Q20	H-5		
	FS40	C-2	FS128	J-1	Q21	H-5		
	FS41	D-2	FS129	H-2	*Q22	J-4		
4	FS43	C-2	FS131	J-2	*Q23	H-4		
	FS44	D-2	FS132	J-2	Q25	G-4		
	FS45	D-2	FS133	J-3	Q30	E-3		
	FS46	D-2	FS135	J-3	*Q205	A-2		
	FS47	C-3	FS136	H-3	*Q206	A-2		
	FS48	C-3	FS137	J-3	*Q207	B-2		
	FS49	C-3	FS138	J-3	*Q209	B-4		
	FS50	C-3	FS139	H-3	*Q211	E-1		
	FS51	C-3	FS140	J-3	Q216	A-5		
	FS53	C-3	FS141	J-3	Q217	A-5		
	FS54	C-4	FS142	J-4	Q218	C-5		
	FS56	D-4	FS143	J-4	Q219	C-5		
	FS57	D-4	FS144	J-4	*Q220	B-4		
	FS58	C-4	FS145	J-4	*Q221	B-4		
	FS59	C-4	FS146	J-4	Q223	C-4		
	FS61	D-4	FS147	J-5	*Q403	F-3		

* : B SIDE
P : UVW-1600P ONLY
N : UVW-1600 ONLY



AP-31A/31AP BOARD (2/3)

BOARD NO.1-648-906-22
 UVW-1600 (J);#10601-
 UVW-1600 (UC);#12901-
 UVW-1600P (EK);#13781-

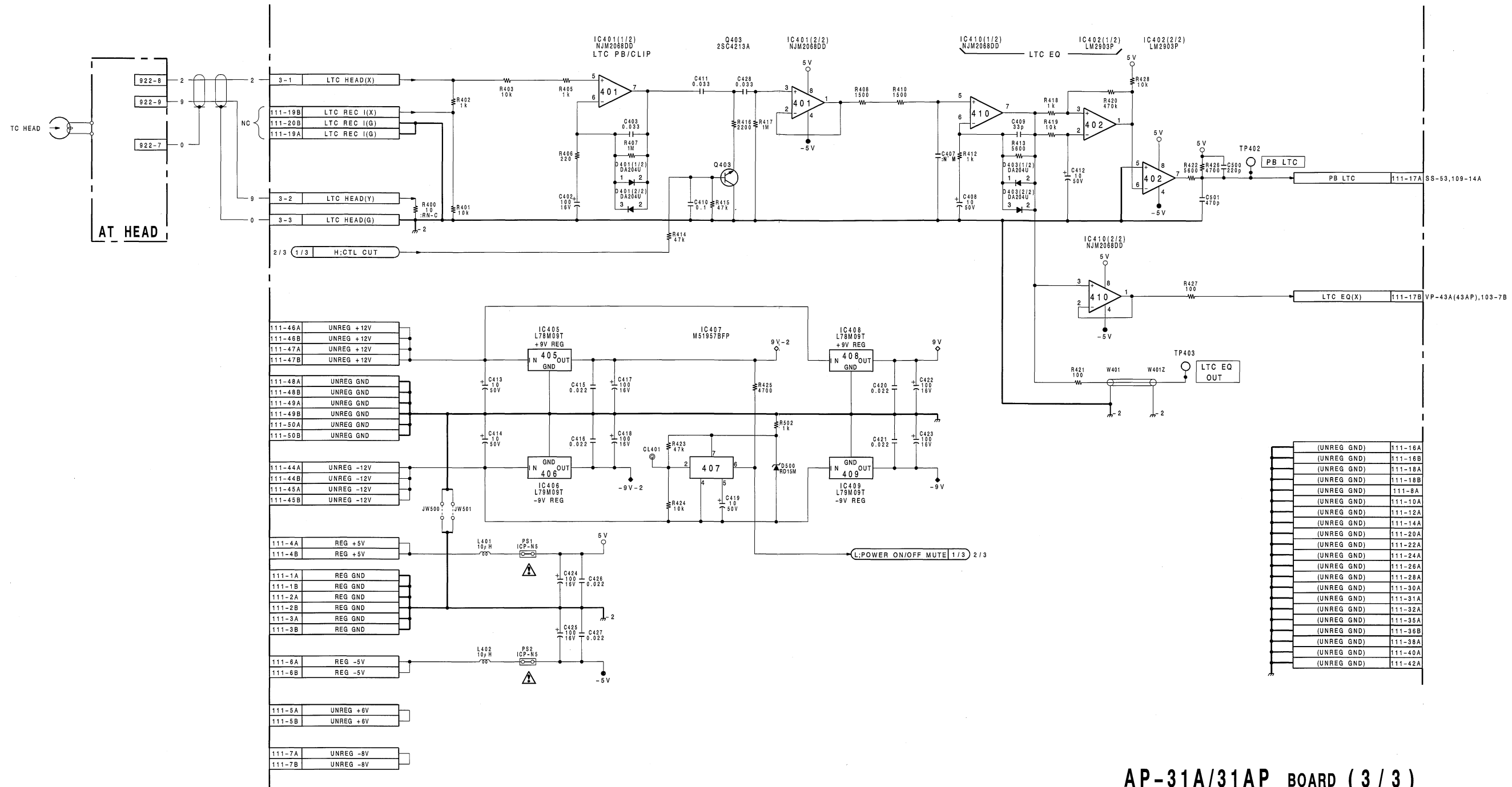
AP-31A (1-648-906-21, 22)

CN1	H-1	FS63	D-4	FS148	J-5	RV1	J-1
CN2	A-1	FS64	B-4	FS149	J-5	RV2	J-1
CN3	G-4	FS65	D-5	FS150	H-5	RV3	J-1
CN111	E-5	FS66	D-5	FS151	H-5	RV4	H-1
		FS67	D-5	FS152	H-5	RV5	H-1
*D1	J-2	FS68	E-5	FS153	G-5	RV201	B-1
*D7	J-5	FS69	C-5	FS154	G-5	RV202	B-1
*D8	H-5	FS70	C-5	FS155	H-5	RV203	B-1
*D10	G-5	FS71	E-3	FS156	H-5	RV204	C-1
*D11	E-3	FS72	E-3			RV205	C-1
*D201	A-2	FS73	F-3	IC1	J-2		
*D206	A-5	FS74	E-4	IC2	J-4	S1	J-1
*D207	B-5	FS75	E-4	IC3	J-3	S2	G-1
*D209	C-4	FS77	F-4	IC4	H-3	S201	A-1
*D401	F-3	FS79	F-5	IC5	G-4	S202	C-1
*D403	F-5	FS80	F-5	IC6	G-3		
*D500	P D-5	FS81	H-1	IC7	G-3	*TH1	J-2
		FS82	H-1	IC8	F-2	*TH2	B-2
E1	H-4	FS83	G-1	IC9	G-2		
E2	G-1	FS84	G-1	IC10	G-2	TP3	J-2
E201	B-4	FS85	G-1	IC11	H-4	TP4	G-2
E202	E-1	FS86	G-1	IC12	E-5	TP5	G-1
		FS87	H-1	IC13	D-4	TP203	B-2
FS1	A-1	FS88	H-1	IC14	E-3	TP204	C-2
FS3	A-2	FS89	H-1	IC15	J-4	TP205	D-1
FS5	B-2	FS90	G-1	IC201	A-2	TP402	G-5
FS6	B-2	FS91	G-1	IC202	A-4	TP403	D-1
FS7	A-3	FS92	G-2	IC203	A-3		
FS9	B-3	FS93	G-2	IC204	B-3		
FS10	A-3	FS94	F-2	IC205	C-4		
FS11	B-3	FS96	H-2	IC206	C-3		
FS12	A-3	FS97	H-2	IC207	C-3		
FS13	A-3	FS98	F-2	IC208	C-2		
FS14	B-3	FS99	F-2	IC209	C-2		
FS15	B-3	FS100	G-2	IC210	C-4		
FS16	A-4	FS101	H-2	IC211	A-4		
FS17	A-4	FS102	H-2	IC401	F-4		
FS18	A-4	FS103	G-3	IC402	F-4		
FS19	B-4	FS106	H-3	*IC405	C-5		
FS20	A-4	FS107	H-3	*IC406	D-5		
FS21	A-4	FS108	H-3	*IC407	D-5		
FS22	A-5	FS109	H-3	*IC408	C-5		
FS23	A-5	FS110	G-3	*IC409	D-5		
FS24	A-5	FS111	G-4	IC410	F-5		
FS25	B-5	FS112	G-4				
FS26	A-5	FS114	H-4	PS1	G-5		
FS27	B-5	FS115	H-4	PS2	G-5		
FS28	B-5	FS116	G-4				
FS29	B-5	FS117	H-4	*Q5	J-2		
FS30	C-1	FS118	H-4	*Q6	J-2		
FS31	C-1	FS119	H-5	*Q7	J-2		
FS32	C-1	FS121	G-5	*Q9	H-4		
FS33	C-1	FS122	G-5	*Q11	C-2		
FS34	C-1	FS123	H-5	*Q12	E-2		
FS35	C-1	FS124	H-5	*Q13	E-1		
FS36	D-1	FS125	H-1	Q18	J-5		
FS38	C-2	FS126	J-1	Q19	J-5		
FS39	C-2	FS127	J-1	Q20	H-5		
FS40	C-2	FS128	J-1	Q21	H-5		
FS41	D-2	FS129	H-2	*Q22	J-4		
FS43	C-2	FS131	J-2	*Q23	H-4		
FS44	D-2	FS132	J-2	Q25	G-4		
FS45	D-2	FS133	J-3	Q30	E-3		
FS46	D-2	FS135	J-3	*Q205	A-2		
FS47	C-3	FS136	H-3	*Q206	A-2		
FS48	C-3	FS137	J-3	*Q207	B-2		
FS49	C-3	FS138	J-3	*Q209	B-4		
FS50	C-3	FS139	H-3	*Q211	E-1		
FS51	C-3	FS140	J-3	Q216	A-5		
FS53	C-3	FS141	J-3	Q217	A-5		
FS54	C-4	FS142	J-4	Q218	C-5		
FS56	D-4	FS143	J-4	Q219	C-5		
FS57	D-4	FS144	J-4	*Q220	B-4		
FS58	C-4	FS145	J-4	*Q221	B-4		
FS59	C-4	FS146	J-4	Q223	C-4		
FS61	D-4	FS147	J-5	*Q403	F-3		

* : B SIDE
P : UVW-1600P ONLY
N : UVW-1600 ONLY

UVW-1600 (J) ; Serial No.10601 and higher
 UVW-1600 (UC) ; Serial No.12901 and higher
 UVW-1600P(EK) ; Serial No.13781 and higher

AP-31A/31AP(3/3);LTC PB



AP-31A/31AP BOARD (3/3)

BOARD NO.1-648-906-22
 UVW-1600 (J) ;#10601-
 UVW-1600 (UC) ;#12901-
 UVW-1600P(EK) ;#13781-

AP-31A (1-648-906-21, 22)

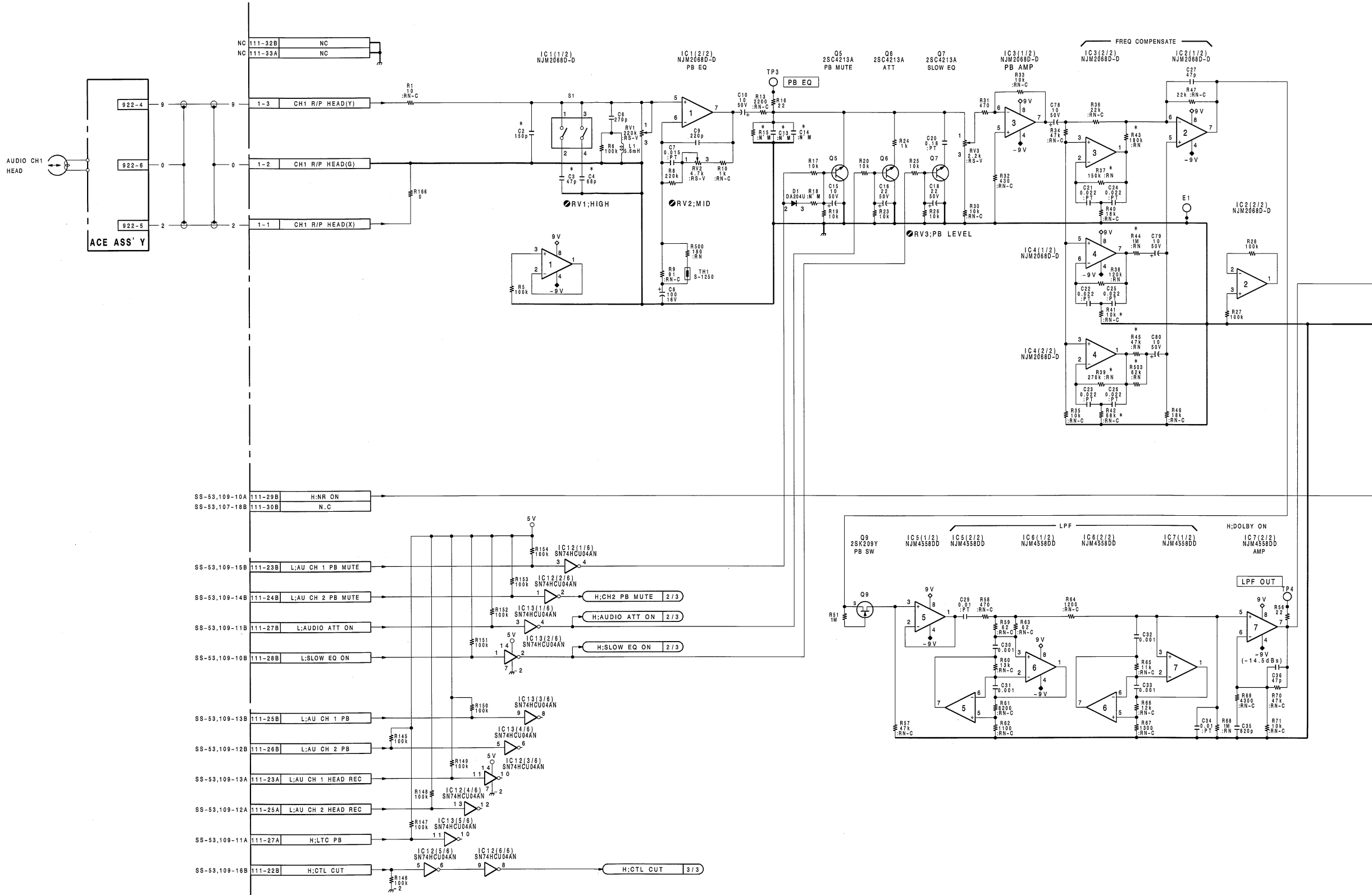
CN1	H-1	FS63	D-4	FS148	J-5	RV1	J-1
CN2	A-1	FS64	B-4	FS149	J-5	RV2	J-1
CN3	G-4	FS65	D-5	FS150	H-5	RV3	J-1
CN111	E-5	FS66	D-5	FS151	H-5	RV4	H-1
		FS67	D-5	FS152	H-5	RV5	H-1
*D1	J-2	FS68	E-5	FS153	G-5	RV201	B-1
*D7	J-5	FS69	C-5	FS154	G-5	RV202	B-1
*D8	H-5	FS70	C-5	FS155	H-5	RV203	B-1
*D10	G-5	FS71	E-3	FS156	H-5	RV204	C-1
*D11	E-3	FS72	E-3			RV205	C-1
*D201	A-2	FS73	F-3	IC1	J-2		
*D206	A-5	FS74	E-4	IC2	J-4	S1	J-1
*D207	B-5	FS75	E-4	IC3	J-3	S2	G-1
*D209	C-4	FS77	F-4	IC4	H-3	S201	A-1
*D401	F-3	FS79	F-5	IC5	G-4	S202	C-1
*D403	F-5	FS80	F-5	IC6	G-3		
*D500	P D-5	FS81	H-1	IC7	G-3	*TH1	J-2
		FS82	H-1	IC8	F-2	*TH2	B-2
E1	H-4	FS83	G-1	IC9	G-2		
E2	G-1	FS84	G-1	IC10	G-2	TP3	J-2
E201	B-4	FS85	G-1	IC11	H-4	TP4	G-2
E202	E-1	FS86	G-1	IC12	E-5	TP5	G-1
		FS87	H-1	IC13	D-4	TP203	B-2
FS1	A-1	FS88	H-1	IC14	E-3	TP204	C-2
FS3	A-2	FS89	H-1	IC15	J-4	TP205	D-1
FS5	B-2	FS90	G-1	IC201	A-2	TP402	G-5
FS6	B-2	FS91	G-1	IC202	A-4	TP403	D-1
FS7	A-3	FS92	G-2	IC203	A-3		
FS9	B-3	FS93	G-2	IC204	B-3		
FS10	A-3	FS94	F-2	IC205	C-4		
FS11	B-3	FS96	H-2	IC206	C-3		
FS12	A-3	FS97	H-2	IC207	C-3		
FS13	A-3	FS98	F-2	IC208	C-2		
FS14	B-3	FS99	F-2	IC209	C-2		
FS15	B-3	FS100	G-2	IC210	C-4		
FS16	A-4	FS101	H-2	IC211	A-4		
FS17	A-4	FS102	H-2	IC401	F-4		
FS18	A-4	FS103	G-3	IC402	F-4		
FS19	B-4	FS106	H-3	*IC405	C-5		
FS20	A-4	FS107	H-3	*IC406	D-5		
FS21	A-4	FS108	H-3	*IC407	D-5		
FS22	A-5	FS109	H-3	*IC408	C-5		
FS23	A-5	FS110	G-3	*IC409	D-5		
FS24	A-5	FS111	G-4	IC410	F-5		
FS25	B-5	FS112	G-4				
FS26	A-5	FS114	H-4	PS1	G-5		
FS27	B-5	FS115	H-4	PS2	G-5		
FS28	B-5	FS116	G-4				
FS29	B-5	FS117	H-4	*Q5	J-2		
FS30	C-1	FS118	H-4	*Q6	J-2		
FS31	C-1	FS119	H-5	*Q7	J-2		
FS32	C-1	FS121	G-5	*Q9	H-4		
FS33	C-1	FS122	G-5	*Q11	C-2		
FS34	C-1	FS123	H-5	*Q12	E-2		
FS35	C-1	FS124	H-5	*Q13	E-1		
FS36	D-1	FS125	H-1	Q18	J-5		
FS38	C-2	FS126	J-1	Q19	J-5		
FS39	C-2	FS127	J-1	Q20	H-5		
FS40	C-2	FS128	J-1	Q21	H-5		
FS41	D-2	FS129	H-2	*Q22	J-4		
FS43	C-2	FS131	J-2	*Q23	H-4		
FS44	D-2	FS132	J-2	Q25	G-4		
FS45	D-2	FS133	J-3	Q30	E-3		
FS46	D-2	FS135	J-3	*Q205	A-2		
FS47	C-3	FS136	H-3	*Q206	A-2		
FS48	C-3	FS137	J-3	*Q207	B-2		
FS49	C-3	FS138	J-3	*Q209	B-4		
FS50	C-3	FS139	H-3	*Q211	E-1		
FS51	C-3	FS140	J-3	Q216	A-5		
FS53	C-3	FS141	J-3	Q217	A-5		
FS54	C-4	FS142	J-4	Q218	C-5		
FS56	D-4	FS143	J-4	Q219	C-5		
FS57	D-4	FS144	J-4	*Q220	B-4		
FS58	C-4	FS145	J-4	*Q221	B-4		
FS59	C-4	FS146	J-4	Q223	C-4		
FS61	D-4	FS147	J-5	*Q403	F-3		

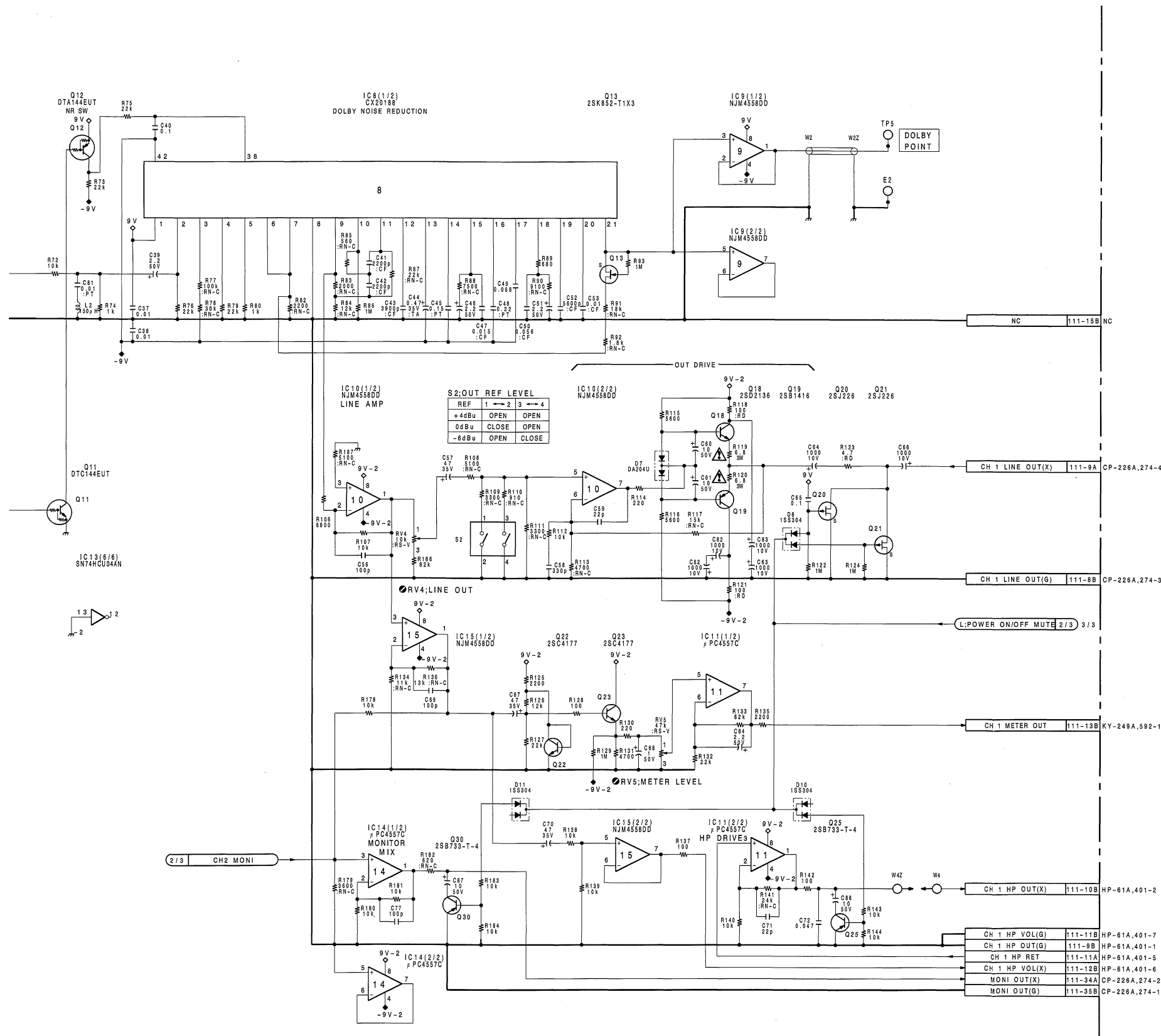
* : B SIDE
P : UVW-1600P ONLY
N : UVW-1600 ONLY



UVW-1600 (J) ;Serial No.10001 through 10600
UVW-1600 (UC);Serial No.10001 through 12900
UVW-1600P(EK);Serial No.10001 through 13780

AP-31A/31AP(1/3);CH-1 PB EQ/NR,LINE/METER/HP DRIVE





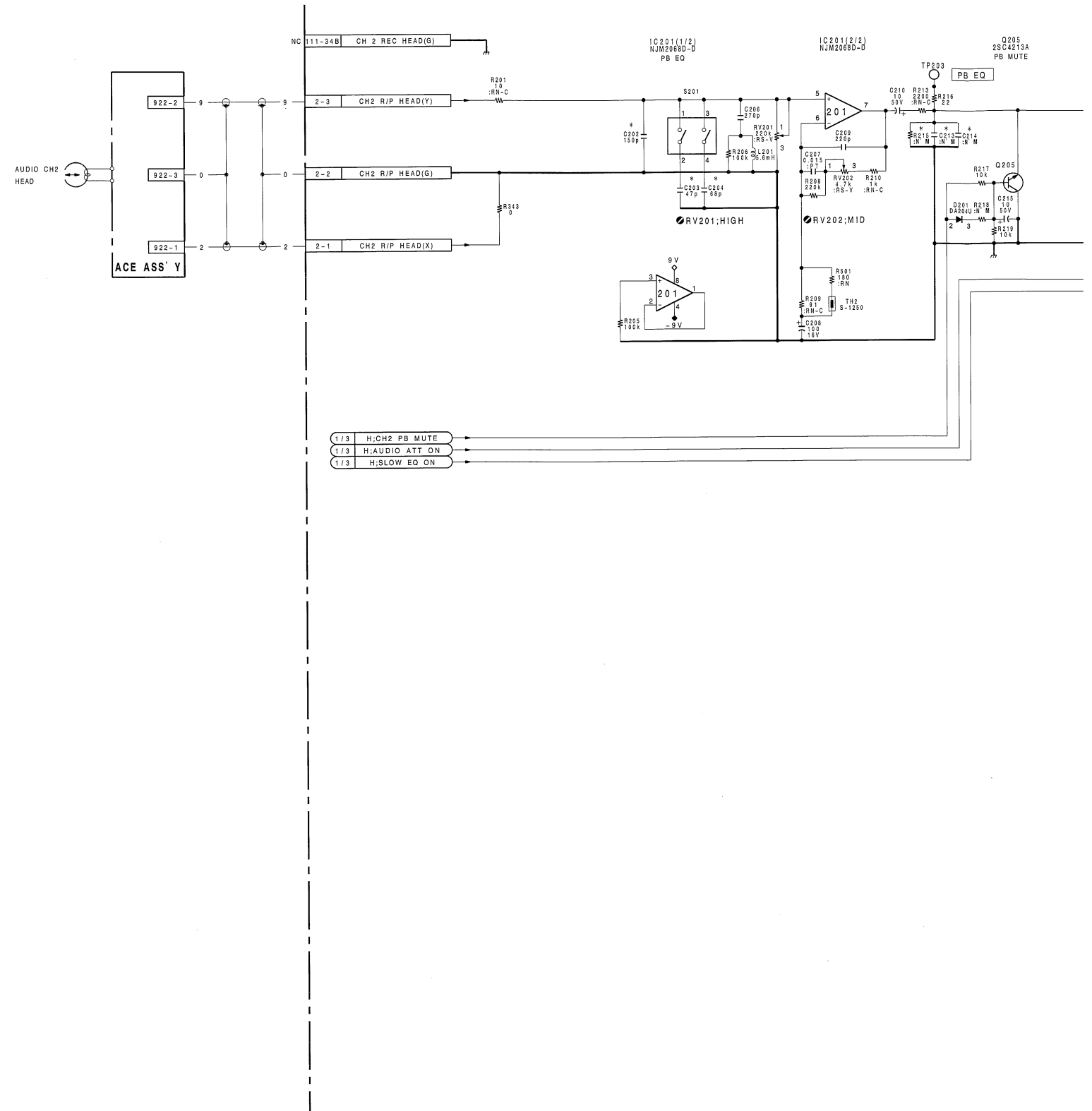
*	J,UC	EK
C2	150P	470P
C3	47P	47P
C4	68P	22P
C13	N'M	6800P
C14	N'M	3300P
R15	N'M	▲10K
R37	▲150K	▲270K
R39	▲270K	▲430K
R41	▲10K	▲12K
R42	▲68K	▲58K
R43	▲180K	N'M
R44	▲1M	▲270K
R45	▲47K	▲56K
R503	▲62K	N'M

△ = RN ▲ = RN-C

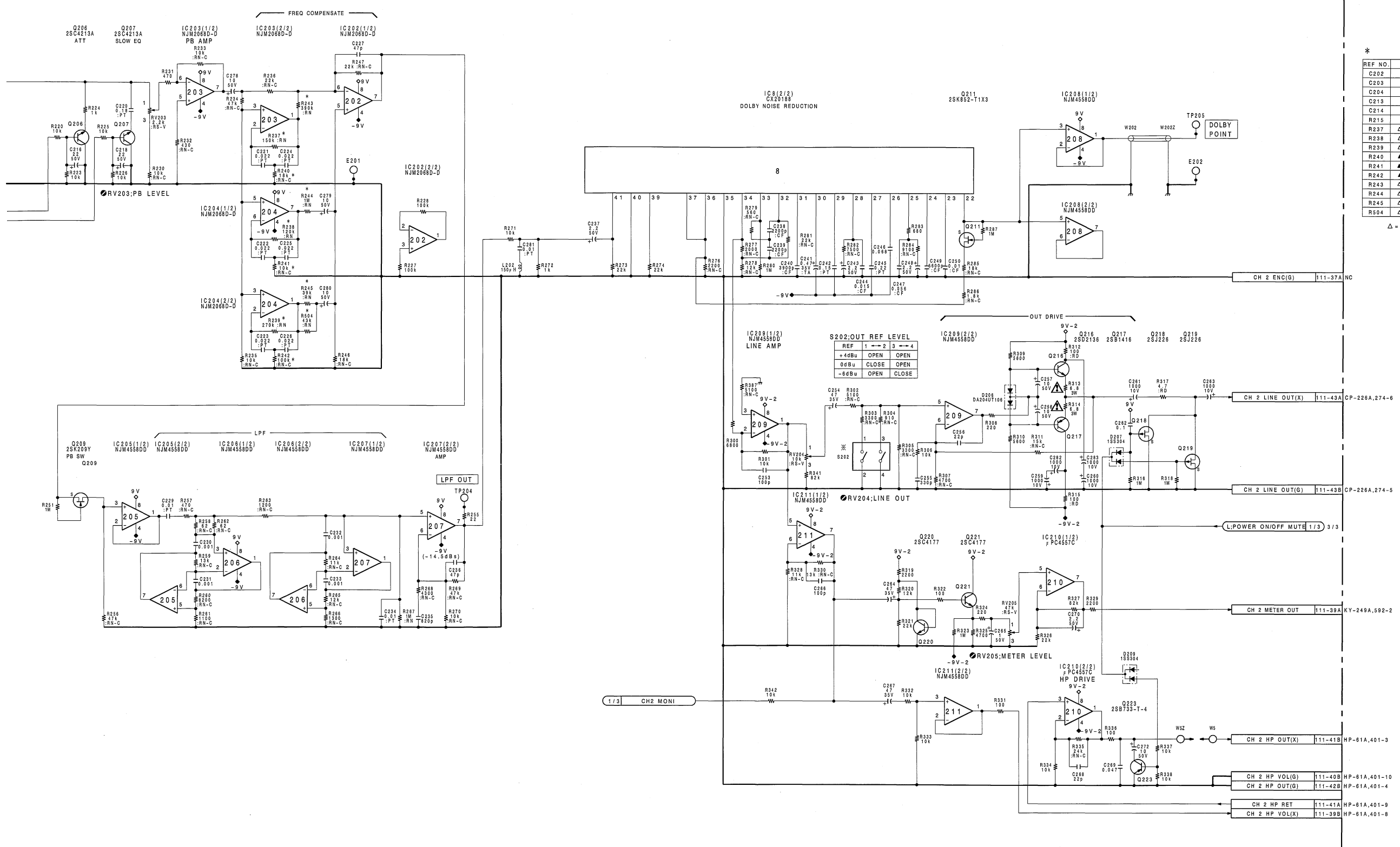
AP-31A/31AP BOARD (1/3)

BOARD NO.1-648-906-21
 UVW-1600 (J);#10001-10600
 UVW-1600 (UC);#10001-12900
 UVW-1600P (EK);#10001-13780

AP-31A/31AP(2/3):CH-2 PB EQ/NR.LINE/METER/HP DRIVE



UVW-1800/1600
UVW-1800P/1600P



REF NO.	J,UC	EK
C202	150P	470P
C203	47P	47P
C204	68P	22P
C213	N'M	6800P
C214	N'M	3300P
R215	N'M	▲10K
R237	▲150K	▲430K
R238	▲120K	▲430K
R239	▲270K	▲430K
R240	▲18K	▲39K
R241	▲10K	▲18K
R242	▲100K	▲68K
R243	▲390K	N'M
R244	▲1M	▲560K
R245	▲39K	▲75K
R504	▲43K	N'M

▲ = RN ▲ = RN-C

AP-31A/31AP BOARD (2/3)

BOARD NO.1-648-906-21
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC) ;#10001-12900
UVW-1600P(EK) ;#10001-13780

AP-31A (1-648-906-21, 22)

CN1	H-1	FS63	D-4	FS148	J-5	RV1	J-1
CN2	A-1	FS64	B-4	FS149	J-5	RV2	J-1
CN3	G-4	FS65	D-5	FS150	H-5	RV3	J-1
CN111	E-5	FS66	D-5	FS151	H-5	RV4	H-1
		FS67	D-5	FS152	H-5	RV5	H-1
*D1	J-2	FS68	E-5	FS153	G-5	RV201	B-1
*D7	J-5	FS69	C-5	FS154	G-5	RV202	B-1
*D8	H-5	FS70	C-5	FS155	H-5	RV203	B-1
*D10	G-5	FS71	E-3	FS156	H-5	RV204	C-1
*D11	E-3	FS72	E-3			RV205	C-1
*D201	A-2	FS73	F-3	IC1	J-2		
*D206	A-5	FS74	E-4	IC2	J-4	S1	J-1
*D207	B-5	FS75	E-4	IC3	J-3	S2	G-1
*D209	C-4	FS77	F-4	IC4	H-3	S201	A-1
*D401	F-3	FS79	F-5	IC5	G-4	S202	C-1
*D403	F-5	FS80	F-5	IC6	G-3		
*D500	P D-5	FS81	H-1	IC7	G-3	*TH1	J-2
		FS82	H-1	IC8	F-2	*TH2	B-2
E1	H-4	FS83	G-1	IC9	G-2		
E2	G-1	FS84	G-1	IC10	G-2	TP3	J-2
E201	B-4	FS85	G-1	IC11	H-4	TP4	G-2
E202	E-1	FS86	G-1	IC12	E-5	TP5	G-1
		FS87	H-1	IC13	D-4	TP203	B-2
FS1	A-1	FS88	H-1	IC14	E-3	TP204	C-2
FS3	A-2	FS89	H-1	IC15	J-4	TP205	D-1
FS5	B-2	FS90	G-1	IC201	A-2	TP402	G-5
FS6	B-2	FS91	G-1	IC202	A-4	TP403	D-1
FS7	A-3	FS92	G-2	IC203	A-3		
FS9	B-3	FS93	G-2	IC204	B-3		
FS10	A-3	FS94	F-2	IC205	C-4		
FS11	B-3	FS96	H-2	IC206	C-3		
FS12	A-3	FS97	H-2	IC207	C-3		
FS13	A-3	FS98	F-2	IC208	C-2		
FS14	B-3	FS99	F-2	IC209	C-2		
FS15	B-3	FS100	G-2	IC210	C-4		
FS16	A-4	FS101	H-2	IC211	A-4		
FS17	A-4	FS102	H-2	IC401	F-4		
FS18	A-4	FS103	G-3	IC402	F-4		
FS19	B-4	FS106	H-3	*IC405	C-5		
FS20	A-4	FS107	H-3	*IC406	D-5		
FS21	A-4	FS108	H-3	*IC407	D-5		
FS22	A-5	FS109	H-3	*IC408	C-5		
FS23	A-5	FS110	G-3	*IC409	D-5		
FS24	A-5	FS111	G-4	IC410	F-5		
FS25	B-5	FS112	G-4				
FS26	A-5	FS114	H-4	PS1	G-5		
FS27	B-5	FS115	H-4	PS2	G-5		
FS28	B-5	FS116	G-4				
FS29	B-5	FS117	H-4	*Q5	J-2		
FS30	C-1	FS118	H-4	*Q6	J-2		
FS31	C-1	FS119	H-5	*Q7	J-2		
FS32	C-1	FS121	G-5	*Q9	H-4		
FS33	C-1	FS122	G-5	*Q11	C-2		
FS34	C-1	FS123	H-5	*Q12	E-2		
FS35	C-1	FS124	H-5	*Q13	E-1		
FS36	D-1	FS125	H-1	Q18	J-5		
FS38	C-2	FS126	J-1	Q19	J-5		
FS39	C-2	FS127	J-1	Q20	H-5		
FS40	C-2	FS128	J-1	Q21	H-5		
FS41	D-2	FS129	H-2	*Q22	J-4		
FS43	C-2	FS131	J-2	*Q23	H-4		
FS44	D-2	FS132	J-2	Q25	G-4		
FS45	D-2	FS133	J-3	Q30	E-3		
FS46	D-2	FS135	J-3	*Q205	A-2		
FS47	C-3	FS136	H-3	*Q206	A-2		
FS48	C-3	FS137	J-3	*Q207	B-2		
FS49	C-3	FS138	J-3	*Q209	B-4		
FS50	C-3	FS139	H-3	*Q211	E-1		
FS51	C-3	FS140	J-3	Q216	A-5		
FS53	C-3	FS141	J-3	Q217	A-5		
FS54	C-4	FS142	J-4	Q218	C-5		
FS56	D-4	FS143	J-4	Q219	C-5		
FS57	D-4	FS144	J-4	*Q220	B-4		
FS58	C-4	FS145	J-4	*Q221	B-4		
FS59	C-4	FS146	J-4	Q223	C-4		
FS61	D-4	FS147	J-5	*Q403	F-3		

* : B SIDE
P : UVW-1600P ONLY
N : UVW-1600 ONLY

AP-31A/31AP(3/3);LTC PB



BOARD NO.1-648-906-21
UVW-1600 (J) ; 10001-10600
UVW-1600 (U C) ; 10001-12900
UVW-1600P (E K) ; 10001-13780

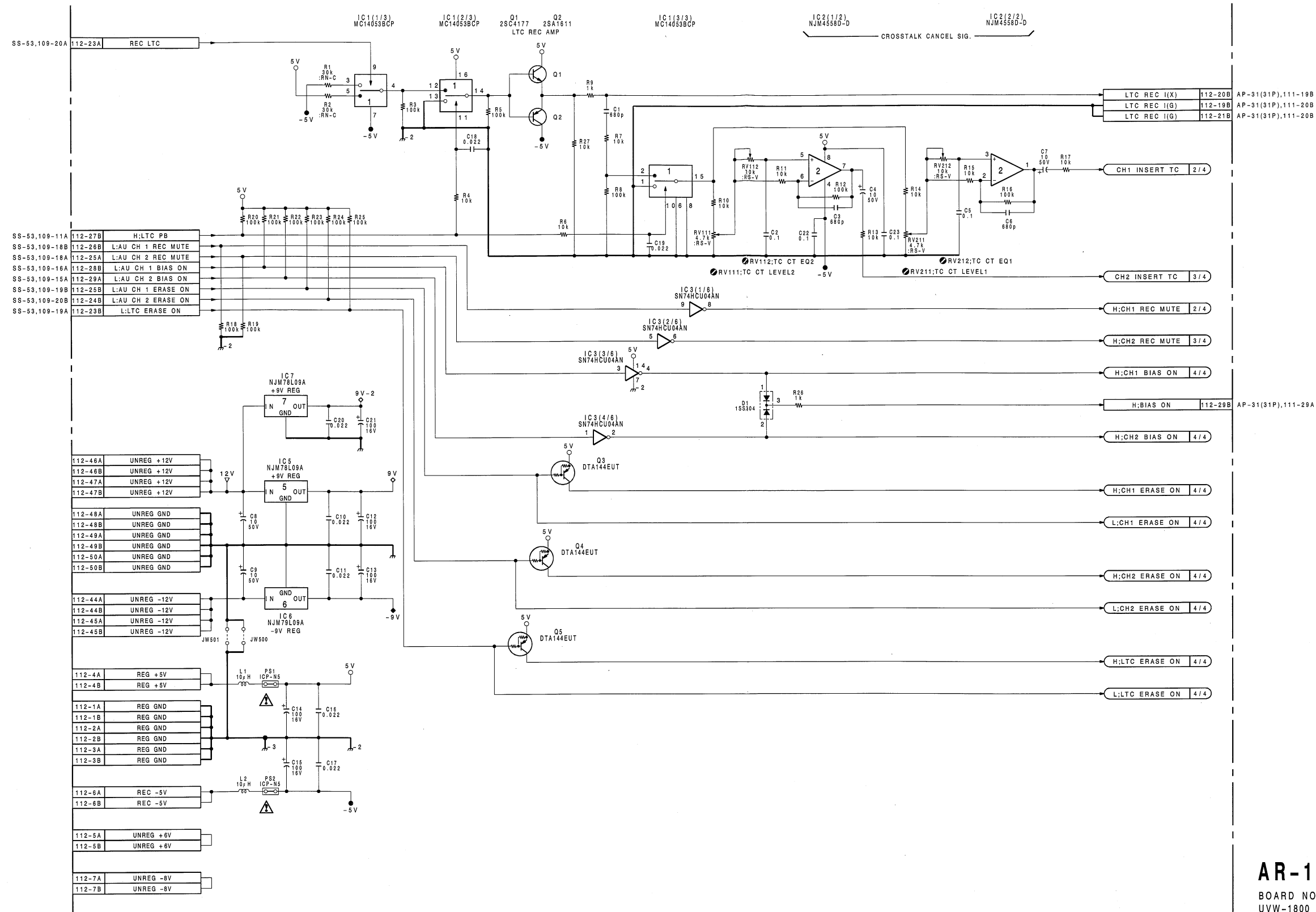
AR-14 (1-648-907-12)

CN1	J-5	FS44	C-3	FS124	J-1	*Q3	E-5
CN112	E-5	FS45	C-3	FS125	H-2	*Q4	E-5
		FS46	C-3	FS126	H-2	*Q5	F-5
*D1	D-5	FS47	C-3	FS127	H-2	*Q101	G-1
*D101	J-2	FS48	C-3	FS128	H-4	*Q102	E-4
*D102	J-1	FS49	C-4	FS130	J-1	*Q103	G-2
*D103	C-3	FS50	C-4	FS131	J-1	Q104	C-4
*D201	A-2	FS51	C-5	FS132	J-2	Q105	B-4
*D202	A-1	FS52	D-1	FS133	J-2	*Q201	C-1
*D203	A-3	FS54	D-3	FS134	J-2	*Q202	E-4
*D301	C-5	FS55	D-3	FS135	H-2	*Q203	C-1
*D302	D-4	FS56	D-3	FS136	J-2	Q204	A-4
*D303	B-3	FS57	D-4	FS137	J-2	Q205	A-4
*D304	B-5	FS58	D-4	FS138	J-3	*Q301	B-3
*D305	B-3	FS59	D-4	FS139	J-3	Q302	C-5
*D306	A-5	FS60	D-5	FS140	J-5	*Q303	B-3
*D311	G-4	FS61	D-1	FS141	J-5	Q304	A-5
*D312	G-4	FS62	E-1	FS142	J-1	Q305	C-5
*D313	J-3	FS63	D-3	FS143	J-1	Q306	A-5
*D314	F-3	FS64	E-3	FS144	J-1	*Q311	F-3
*D321	G-3	FS65	E-3	FS145	J-2	Q312	G-4
*D322	G-3	FS66	D-4	FS146	J-2	*Q313	F-2
*D323	J-2	FS68	E-4	FS147	J-2	*Q314	H-4
*D324	E-4	FS69	D-4	FS148	J-3	*Q315	H-4
*D331	G-5	FS70	D-4	FS149	J-3	Q316	H-3
*D332	G-5	FS72	E-1	FS150	J-4	Q317	H-4
*D334	E-4	FS73	E-2	FS152	H-2	*Q318	J-3
		FS74	E-3	FS153	E-1	Q319	G-4
E106	H-1	FS76	E-3	FS154	F-1	*Q321	G-3
E206	A-1	FS77	F-3	FS155	J-5	Q322	G-2
E301	J-1	FS78	E-4	FS156	J-4	*Q323	E-3
E311	J-1	FS79	E-4			*Q324	H-2
		FS80	F-4	IC1	E-4	*Q325	H-3
FS1	A-1	FS81	E-5	IC2	E-2	Q326	H-2
FS2	A-1	FS82	E-5	IC3	D-5	Q327	H-3
FS3	A-1	FS83	F-1	IC5	B-5	*Q328	J-2
FS4	A-2	FS84	F-1	IC6	B-5	Q329	G-2
FS5	A-2	FS85	F-1	IC7	C-5	*Q331	F-5
FS6	A-5	FS86	F-1	IC101	J-2	Q332	G-5
FS7	A-2	FS87	F-1	IC102	J-2	*Q333	F-3
FS8	A-2	FS88	F-2	IC103	H-2	*Q334	H-4
FS9	A-2	FS89	F-2	IC104	G-2	*Q335	H-5
FS10	A-5	FS90	F-2	IC105	F-2	Q336	H-4
FS11	A-5	FS91	F-3	IC201	A-2	Q337	H-5
FS12	A-5	FS92	F-3	IC202	B-2	Q339	G-5
FS13	B-1	FS93	F-3	IC203	C-2		
FS14	B-2	FS94	F-4	IC204	D-2	RV106	J-1
FS15	B-5	FS95	F-4	IC205	E-2	RV107	H-1
FS16	B-5	FS96	F-4	IC301	D-3	RV108	H-1
FS17	A-5	FS97	F-4	IC302	D-4	RV109	G-1
FS18	A-5	FS98	F-5	IC303	C-4	RV110	F-1
FS19	A-5	FS99	F-5	IC304	C-3	RV111	C-1
FS20	B-1	FS100	F-5	IC305	D-3	RV112	C-1
FS21	B-2	FS101	F-5	IC306	C-3	RV206	A-1
FS22	B-2	FS102	F-5	IC307	C-5	RV207	B-1
FS23	B-3	FS103	F-5	IC308	C-4	RV208	B-1
FS24	B-3	FS104	F-5	IC309	B-5	RV209	B-1
FS25	B-4	FS105	F-5	IC310	G-3	RV210	D-1
FS26	B-5	FS106	F-5	IC311	E-3	RV211	G-1
FS27	B-1	FS107	G-1	IC312	E-4	RV212	F-1
FS28	B-2	FS108	G-1	IC313	G-5	RV301	B-4
FS29	C-2	FS109	G-2	IC314	E-3	RV302	B-4
FS30	B-5	FS110	G-2	IC315	J-3		
FS31	B-5	FS111	G-2	IC316	J-5	RY301	J-3
FS32	B-5	FS112	G-2			RY311	J-2
FS33	B-5	FS113	G-3	LV101	C-2		
FS34	C-1	FS114	G-3	LV201	A-2	S103	J-1
FS35	C-2	FS115	G-3	LV301	J-4	S203	A-1
FS36	C-2	FS116	G-4	LV311	J-3		
FS37	C-5	FS117	G-4	LV321	J-5	TP106	H-1
FS38	C-5	FS118	G-4			TP206	A-1
FS39	C-5	FS119	G-5	PS1	H-5	TP301	J-1
FS40	C-1	FS120	G-5	PS2	H-5	TP311	J-1
FS41	C-1	FS121	G-5			TP321	J-1
FS42	C-2	FS122	H-1	*Q1	E-5		
FS43	C-2	FS123	H-1	*Q2	E-5	X301	D-3

* : B SIDE

UVW-1800 (J) ; Serial No.10901 and higher
 UVW-1800 (UC) ; Serial No.13931 and higher
 UVW-1800P(EK) ; Serial No.14141 and higher

AR-14/14P(1/4);LTC REC/CANCEL CROSSTALK SIG.



AR-14/14P BOARD (1/4)

BOARD NO.1-648-807-12
 UVW-1800 (J) ;#10901-
 UVW-1800 (UC) ;#13931-
 UVW-1800P(EK) ;#14141-

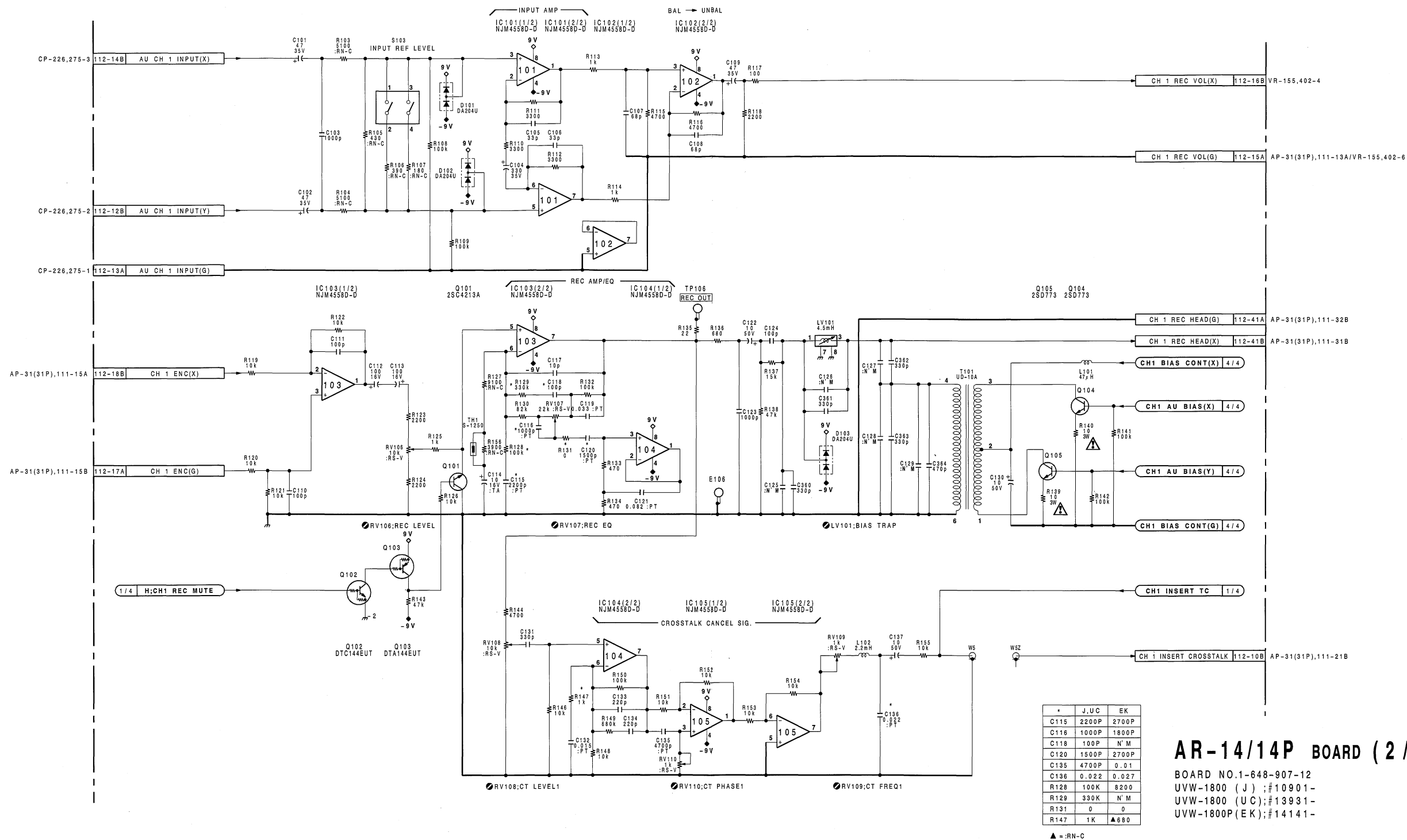
AR-14 (1-648-907-12)

CN1	J-5	FS44	C-3	FS124	J-1	*Q3	E-5
CN112	E-5	FS45	C-3	FS125	H-2	*Q4	E-5
		FS46	C-3	FS126	H-2	*Q5	F-5
*D1	D-5	FS47	C-3	FS127	H-2	*Q101	G-1
*D101	J-2	FS48	C-3	FS128	H-4	*Q102	E-4
*D102	J-1	FS49	C-4	FS130	J-1	*Q103	G-2
*D103	C-3	FS50	C-4	FS131	J-1	Q104	C-4
*D201	A-2	FS51	C-5	FS132	J-2	Q105	B-4
*D202	A-1	FS52	D-1	FS133	J-2	*Q201	C-1
*D203	A-3	FS54	D-3	FS134	J-2	*Q202	E-4
*D301	C-5	FS55	D-3	FS135	H-2	*Q203	C-1
*D302	D-4	FS56	D-3	FS136	J-2	Q204	A-4
*D303	B-3	FS57	D-4	FS137	J-2	Q205	A-4
*D304	B-5	FS58	D-4	FS138	J-3	*Q301	B-3
*D305	B-3	FS59	D-4	FS139	J-3	Q302	C-5
*D306	A-5	FS60	D-5	FS140	J-5	*Q303	B-3
*D311	G-4	FS61	D-1	FS141	J-5	Q304	A-5
*D312	G-4	FS62	E-1	FS142	J-1	Q305	C-5
*D313	J-3	FS63	D-3	FS143	J-1	Q306	A-5
*D314	F-3	FS64	E-3	FS144	J-1	*Q311	F-3
*D321	G-3	FS65	E-3	FS145	J-2	Q312	G-4
*D322	G-3	FS66	D-4	FS146	J-2	*Q313	F-2
*D323	J-2	FS68	E-4	FS147	J-2	*Q314	H-4
*D324	E-4	FS69	D-4	FS148	J-3	*Q315	H-4
*D331	G-5	FS70	D-4	FS149	J-3	Q316	H-3
*D332	G-5	FS72	E-1	FS150	J-4	Q317	H-4
*D334	E-4	FS73	E-2	FS152	H-2	*Q318	J-3
		FS74	E-3	FS153	E-1	Q319	G-4
E106	H-1	FS76	E-3	FS154	F-1	*Q321	G-3
E206	A-1	FS77	F-3	FS155	J-5	Q322	G-2
E301	J-1	FS78	E-4	FS156	J-4	*Q323	E-3
E311	J-1	FS79	E-4			*Q324	H-2
		FS80	F-4	IC1	E-4	*Q325	H-3
FS1	A-1	FS81	E-5	IC2	E-2	Q326	H-2
FS2	A-1	FS82	E-5	IC3	D-5	Q327	H-3
FS3	A-1	FS83	F-1	IC5	B-5	*Q328	J-2
FS4	A-2	FS84	F-1	IC6	B-5	Q329	G-2
FS5	A-2	FS85	F-1	IC7	C-5	*Q331	F-5
FS6	A-5	FS86	F-1	IC101	J-2	Q332	G-5
FS7	A-2	FS87	F-1	IC102	J-2	*Q333	F-3
FS8	A-2	FS88	F-2	IC103	H-2	*Q334	H-4
FS9	A-2	FS89	F-2	IC104	G-2	*Q335	H-5
FS10	A-5	FS90	F-2	IC105	F-2	Q336	H-4
FS11	A-5	FS91	F-3	IC201	A-2	Q337	H-5
FS12	A-5	FS92	F-3	IC202	B-2	Q339	G-5
FS13	B-1	FS93	F-3	IC203	C-2		
FS14	B-2	FS94	F-4	IC204	D-2	RV106	J-1
FS15	B-5	FS95	F-4	IC205	E-2	RV107	H-1
FS16	B-5	FS96	F-4	IC301	D-3	RV108	H-1
FS17	A-5	FS97	F-4	IC302	D-4	RV109	G-1
FS18	A-5	FS98	F-5	IC303	C-4	RV110	F-1
FS19	A-5	FS99	F-5	IC304	C-3	RV111	C-1
FS20	B-1	FS100	F-5	IC305	D-3	RV112	C-1
FS21	B-2	FS101	F-5	IC306	C-3	RV206	A-1
FS22	B-2	FS102	F-5	IC307	C-5	RV207	B-1
FS23	B-3	FS103	F-5	IC308	C-4	RV208	B-1
FS24	B-3	FS104	F-5	IC309	B-5	RV209	B-1
FS25	B-4	FS105	F-5	IC310	G-3	RV210	D-1
FS26	B-5	FS106	F-5	IC311	E-3	RV211	G-1
FS27	B-1	FS107	G-1	IC312	E-4	RV212	F-1
FS28	B-2	FS108	G-1	IC313	G-5	RV301	B-4
FS29	C-2	FS109	G-2	IC314	E-3	RV302	B-4
FS30	B-5	FS110	G-2	IC315	J-3		
FS31	B-5	FS111	G-2	IC316	J-5	RY301	J-3
FS32	B-5	FS112	G-2			RY311	J-2
FS33	B-5	FS113	G-3	LV101	C-2		
FS34	C-1	FS114	G-3	LV201	A-2	S103	J-1
FS35	C-2	FS115	G-3	LV301	J-4	S203	A-1
FS36	C-2	FS116	G-4	LV311	J-3		
FS37	C-5	FS117	G-4	LV321	J-5	TP106	H-1
FS38	C-5	FS118	G-4			TP206	A-1
FS39	C-5	FS119	G-5	PS1	H-5	TP301	J-1
FS40	C-1	FS120	G-5	PS2	H-5	TP311	J-1
FS41	C-1	FS121	G-5			TP321	J-1
FS42	C-2	FS122	H-1	*Q1	E-5		
FS43	C-2	FS123	H-1	*Q2	E-5	X301	D-3

* : B SIDE

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC); Serial No.13931 and higher
UVW-1800P(EK); Serial No.14141 and higher

AR-14/14P(2/4) ;CH-1 REC/BIAS DRIVE,CH-1 CANCEL CROSSTALK SIG.



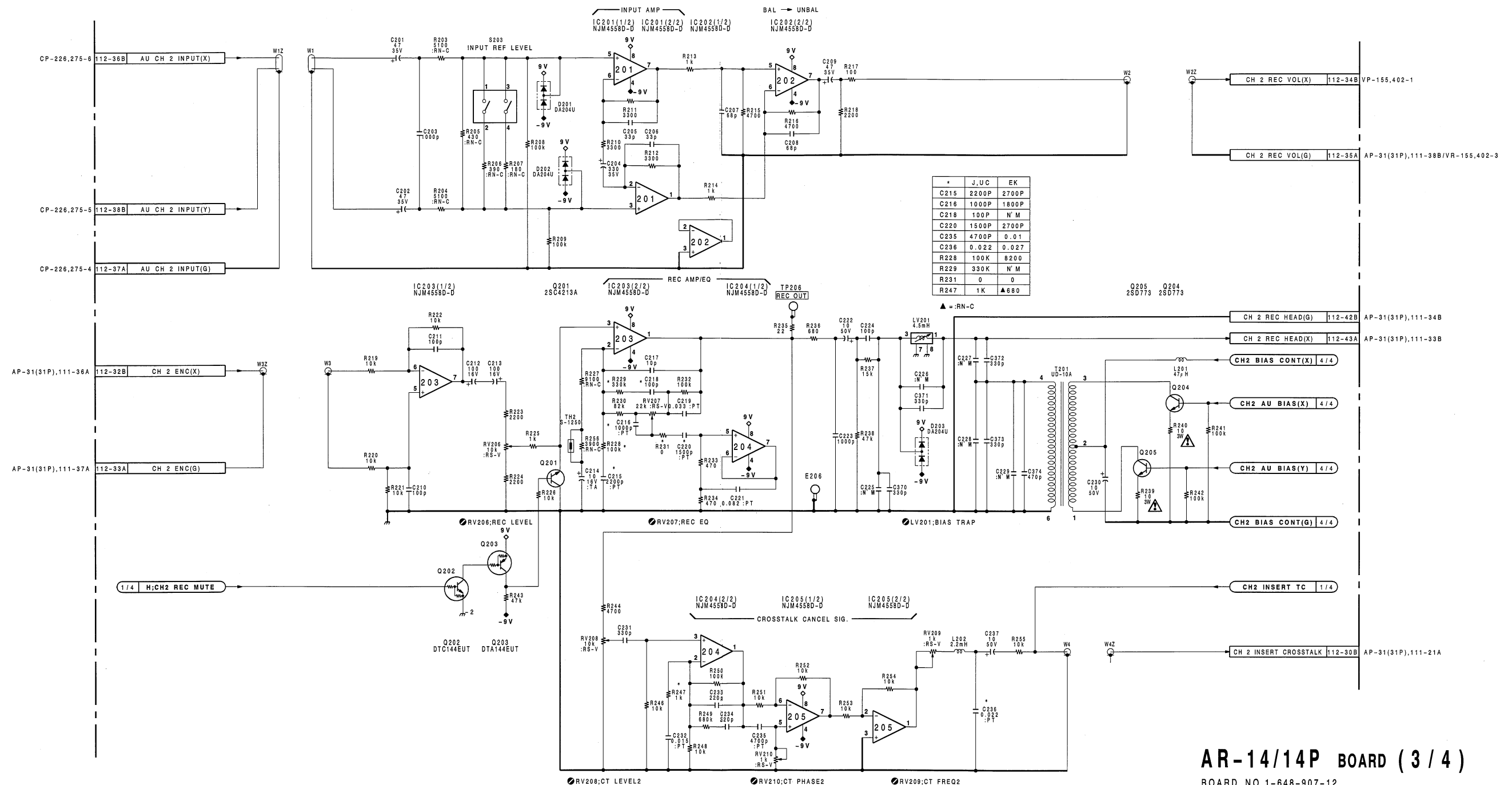
AR-14 (1-648-907-12)

CN1	J-5	FS44	C-3	FS124	J-1	*Q3	E-5
CN112	E-5	FS45	C-3	FS125	H-2	*Q4	E-5
		FS46	C-3	FS126	H-2	*Q5	F-5
*D1	D-5	FS47	C-3	FS127	H-2	*Q101	G-1
*D101	J-2	FS48	C-3	FS128	H-4	*Q102	E-4
*D102	J-1	FS49	C-4	FS130	J-1	*Q103	G-2
*D103	C-3	FS50	C-4	FS131	J-1	Q104	C-4
*D201	A-2	FS51	C-5	FS132	J-2	Q105	B-4
*D202	A-1	FS52	D-1	FS133	J-2	*Q201	C-1
*D203	A-3	FS54	D-3	FS134	J-2	*Q202	E-4
*D301	C-5	FS55	D-3	FS135	H-2	*Q203	C-1
*D302	D-4	FS56	D-3	FS136	J-2	Q204	A-4
*D303	B-3	FS57	D-4	FS137	J-2	Q205	A-4
*D304	B-5	FS58	D-4	FS138	J-3	*Q301	B-3
*D305	B-3	FS59	D-4	FS139	J-3	Q302	C-5
*D306	A-5	FS60	D-5	FS140	J-5	*Q303	B-3
*D311	G-4	FS61	D-1	FS141	J-5	Q304	A-5
*D312	G-4	FS62	E-1	FS142	J-1	Q305	C-5
*D313	J-3	FS63	D-3	FS143	J-1	Q306	A-5
*D314	F-3	FS64	E-3	FS144	J-1	*Q311	F-3
*D321	G-3	FS65	E-3	FS145	J-2	Q312	G-4
*D322	G-3	FS66	D-4	FS146	J-2	*Q313	F-2
*D323	J-2	FS68	E-4	FS147	J-2	*Q314	H-4
*D324	E-4	FS69	D-4	FS148	J-3	*Q315	H-4
*D331	G-5	FS70	D-4	FS149	J-3	Q316	H-3
*D332	G-5	FS72	E-1	FS150	J-4	Q317	H-4
*D334	E-4	FS73	E-2	FS152	H-2	*Q318	J-3
		FS74	E-3	FS153	E-1	Q319	G-4
E106	H-1	FS76	E-3	FS154	F-1	*Q321	G-3
E206	A-1	FS77	F-3	FS155	J-5	Q322	G-2
E301	J-1	FS78	E-4	FS156	J-4	*Q323	E-3
E311	J-1	FS79	E-4			*Q324	H-2
		FS80	F-4	IC1	E-4	*Q325	H-3
FS1	A-1	FS81	E-5	IC2	E-2	Q326	H-2
FS2	A-1	FS82	E-5	IC3	D-5	Q327	H-3
FS3	A-1	FS83	F-1	IC5	B-5	*Q328	J-2
FS4	A-2	FS84	F-1	IC6	B-5	Q329	G-2
FS5	A-2	FS85	F-1	IC7	C-5	*Q331	F-5
FS6	A-5	FS86	F-1	IC101	J-2	Q332	G-5
FS7	A-2	FS87	F-1	IC102	J-2	*Q333	F-3
FS8	A-2	FS88	F-2	IC103	H-2	*Q334	H-4
FS9	A-2	FS89	F-2	IC104	G-2	*Q335	H-5
FS10	A-5	FS90	F-2	IC105	F-2	Q336	H-4
FS11	A-5	FS91	F-3	IC201	A-2	Q337	H-5
FS12	A-5	FS92	F-3	IC202	B-2	Q339	G-5
FS13	B-1	FS93	F-3	IC203	C-2		
FS14	B-2	FS94	F-4	IC204	D-2	RV106	J-1
FS15	B-5	FS95	F-4	IC205	E-2	RV107	H-1
FS16	B-5	FS96	F-4	IC301	D-3	RV108	H-1
FS17	A-5	FS97	F-4	IC302	D-4	RV109	G-1
FS18	A-5	FS98	F-5	IC303	C-4	RV110	F-1
FS19	A-5	FS99	F-5	IC304	C-3	RV111	C-1
FS20	B-1	FS100	F-5	IC305	D-3	RV112	C-1
FS21	B-2	FS101	F-5	IC306	C-3	RV206	A-1
FS22	B-2	FS102	F-5	IC307	C-5	RV207	B-1
FS23	B-3	FS103	F-5	IC308	C-4	RV208	B-1
FS24	B-3	FS104	F-5	IC309	B-5	RV209	B-1
FS25	B-4	FS105	F-5	IC310	G-3	RV210	D-1
FS26	B-5	FS106	F-5	IC311	E-3	RV211	G-1
FS27	B-1	FS107	G-1	IC312	E-4	RV212	F-1
FS28	B-2	FS108	G-1	IC313	G-5	RV301	B-4
FS29	C-2	FS109	G-2	IC314	E-3	RV302	B-4
FS30	B-5	FS110	G-2	IC315	J-3		
FS31	B-5	FS111	G-2	IC316	J-5	RY301	J-3
FS32	B-5	FS112	G-2			RY311	J-2
FS33	B-5	FS113	G-3	LV101	C-2		
FS34	C-1	FS114	G-3	LV201	A-2	S103	J-1
FS35	C-2	FS115	G-3	LV301	J-4	S203	A-1
FS36	C-2	FS116	G-4	LV311	J-3		
FS37	C-5	FS117	G-4	LV321	J-5	TP106	H-1
FS38	C-5	FS118	G-4			TP206	A-1
FS39	C-5	FS119	G-5	PS1	H-5	TP301	J-1
FS40	C-1	FS120	G-5	PS2	H-5	TP311	J-1
FS41	C-1	FS121	G-5			TP321	J-1
FS42	C-2	FS122	H-1	*Q1	E-5		
FS43	C-2	FS123	H-1	*Q2	E-5	X301	D-3

* : B SIDE

UVW-1800 (J) ; Serial No.10901 and higher
 UVW-1800 (UC) ; Serial No.13931 and higher
 UVW-1800P(EK) ; Serial No.14141 and higher

AR-14/14P(3/4);CH-2 REC/BIAS DRIVE,CH-2 CANCEL CROSSTALK SIG.



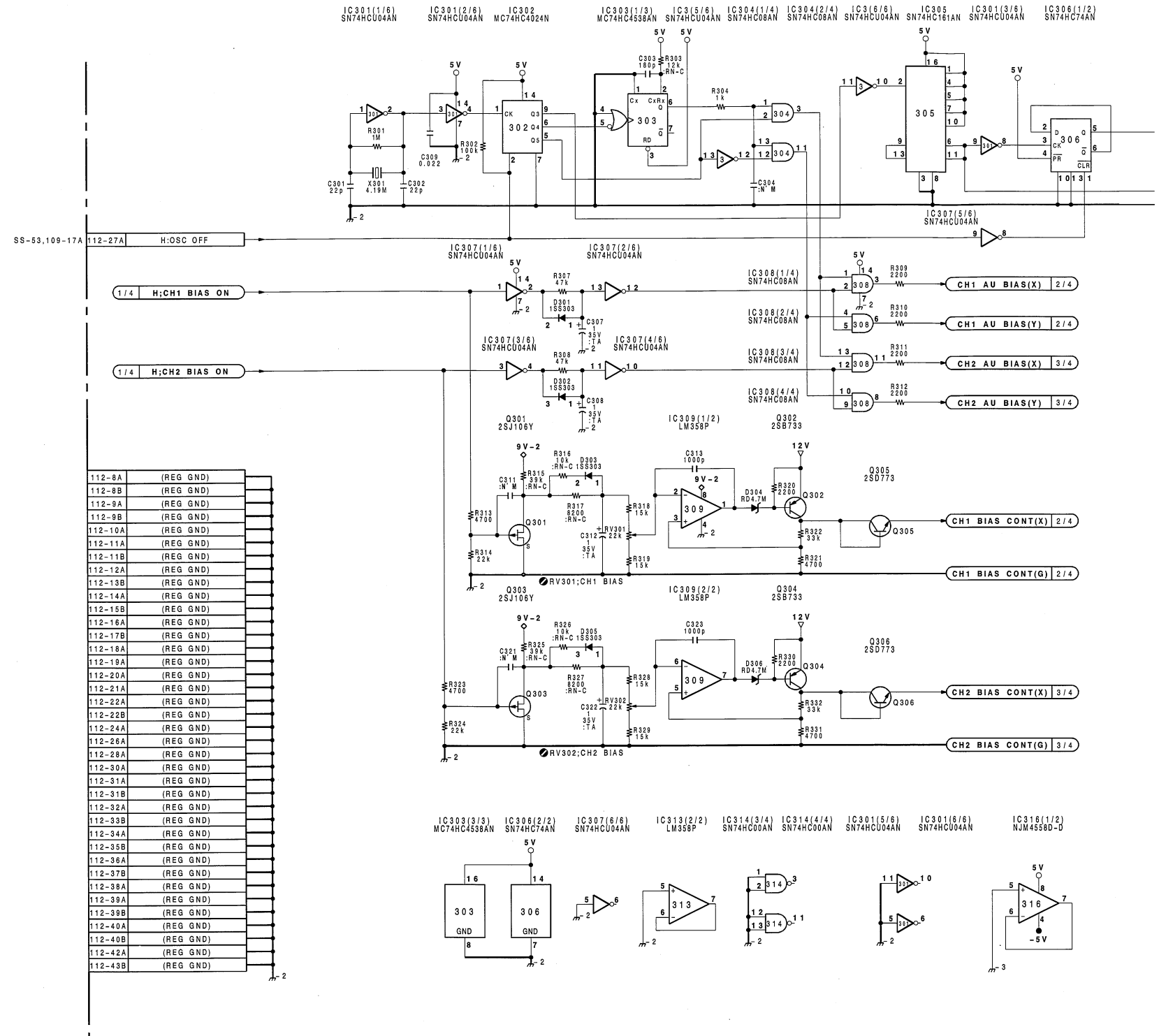
AR-14/14P BOARD (3/4)

BOARD NO.1-648-907-12
 UVW-1800 (J) ; #10901-
 UVW-1800 (UC) ; #13931-
 UVW-1800P(EK) ; #14141-

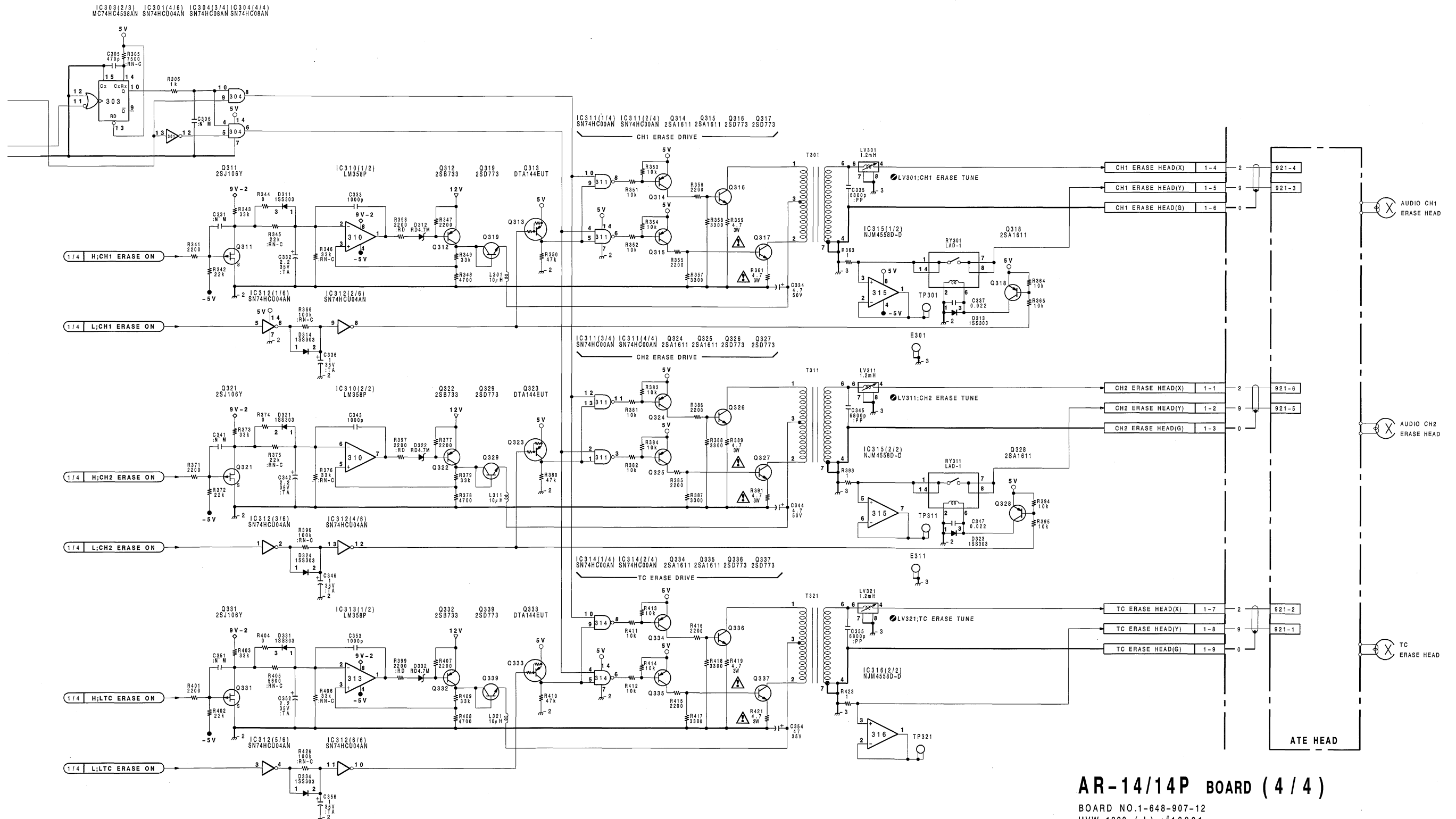
AR-14 (1-648-907-12)

UVW-1800 (J) ;Serial No.10901 and higher
UVW-1800 (UC);Serial No.13931 and higher
UVW-1800P (EK);Serial No.14141 and higher

AR-14/14P(4/4) ;BIAS/ERASE OSC,AU/TC ERASE DRIVE



* : B SIDE



AR-14/14P BOARD (4/4)

BOARD NO.1-648-907-12
UVW-1800 (J);#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-

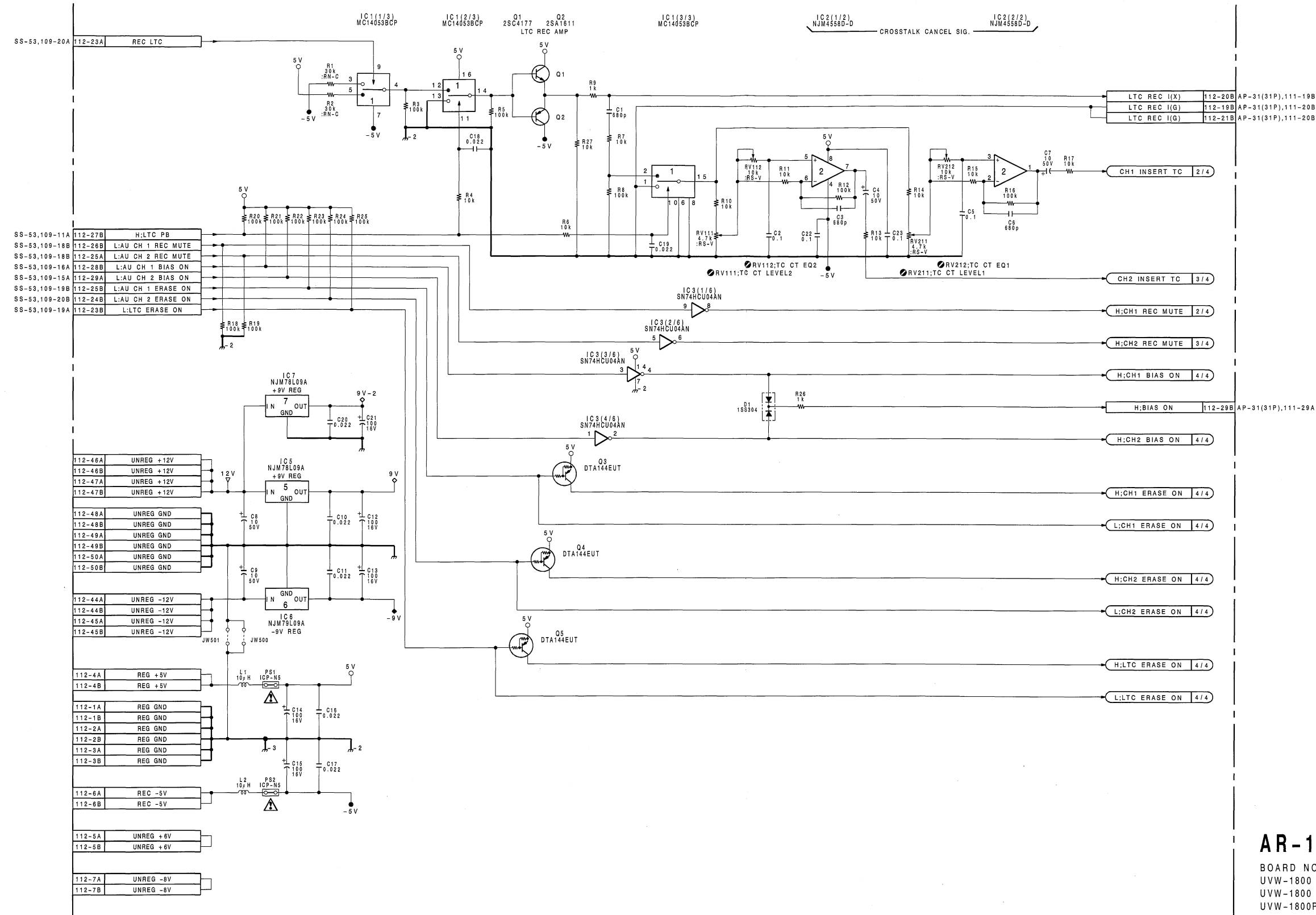
AR-14 (1-648-907-11)

CN1	J-5	FS44	C-3	FS123	H-1	*Q1	E-5	TP301	J-1
CN112	E-5	FS45	C-3	FS124	J-1	*Q2	E-5	TP311	J-1
		FS46	C-3	FS125	H-2	*Q3	E-5	TP321	J-1
*D1	D-5	FS47	C-3	FS126	H-2	*Q4	E-5		
*D101	J-2	FS48	C-3	FS127	H-2	*Q5	F-5	X301	D-3
*D102	J-1	FS49	C-4	FS128	H-4	*Q101	G-1		
*D103	C-3	FS50	C-4	FS129	J-1	*Q102	E-4		
*D201	A-2	FS51	C-5	FS130	J-1	*Q103	G-2		
*D202	A-1	FS52	D-1	FS131	J-1	Q104	C-4		
*D203	A-3	FS54	D-3	FS132	J-2	Q105	B-4		
*D301	C-5	FS55	D-3	FS133	J-2	*Q201	C-1		
*D302	D-4	FS56	D-3	FS134	J-2	*Q202	E-4		
*D303	B-3	FS57	D-4	FS135	H-2	*Q203	C-1		
*D304	B-5	FS58	D-4	FS136	J-2	Q204	A-4		
*D305	B-3	FS59	D-4	FS137	J-2	Q205	A-4		
*D306	A-5	FS60	D-5	FS138	J-3	*Q301	B-3		
*D311	G-4	FS61	D-1	FS139	J-3	Q302	C-5		
*D312	G-4	FS62	E-1	FS140	J-5	*Q303	B-3		
*D313	J-3	FS63	D-3	FS141	J-5	Q304	A-5		
*D314	F-3	FS64	E-3	FS142	J-1	Q305	C-5		
*D321	G-3	FS65	E-3	FS143	J-1	Q306	A-5		
*D322	G-3	FS66	D-4	FS144	J-1	*Q311	F-3		
*D323	J-2	FS68	E-4	FS145	J-2	Q312	G-4		
*D324	E-4	FS69	D-4	FS146	J-2	*Q313	F-2		
*D331	G-5	FS70	D-4	FS147	J-2	*Q314	H-4		
*D332	G-5	FS72	E-1	FS148	J-3	*Q315	H-4		
*D334	E-4	FS73	E-2	FS149	J-3	Q316	H-3		
		FS74	E-3	FS150	J-4	Q317	H-4		
E106	H-1	FS75	F-3	FS152	H-2	*Q318	J-3		
E206	A-1	FS76	E-3	FS153	E-1	Q319	G-4		
E301	J-1	FS77	F-3	FS154	F-1	*Q321	G-3		
E311	J-1	FS78	E-4	FS155	J-5	Q322	G-2		
		FS79	E-4	FS156	J-4	*Q323	E-3		
FS1	A-1	FS80	F-4			*Q324	H-2		
FS2	A-1	FS81	E-5	IC1	E-4	*Q325	H-3		
FS3	A-1	FS82	E-5	IC2	E-2	Q326	H-2		
FS4	A-2	FS83	F-1	IC3	D-5	Q327	H-3		
FS5	A-2	FS84	F-1	IC5	B-5	*Q328	J-2		
FS6	A-5	FS85	F-1	IC6	B-5	Q329	G-2		
FS7	A-2	FS86	F-1	IC7	C-5	*Q331	F-5		
FS8	A-2	FS87	F-1	IC101	J-2	Q332	G-5		
FS9	A-2	FS88	F-2	IC102	J-2	*Q333	F-3		
FS10	A-5	FS89	F-2	IC103	H-2	*Q334	H-4		
FS11	A-5	FS90	F-2	IC104	G-2	*Q335	H-5		
FS12	A-5	FS91	F-3	IC105	F-2	Q336	H-4		
FS13	B-1	FS92	F-3	IC201	A-2	Q337	H-5		
FS14	B-2	FS93	F-3	IC202	B-2	Q339	G-5		
FS15	B-5	FS94	F-4	IC203	C-2				
FS16	B-5	FS95	F-4	IC204	D-2	RV106	J-1		
FS17	A-5	FS96	F-4	IC205	E-2	RV107	H-1		
FS18	A-5	FS97	F-4	IC301	D-3	RV108	H-1		
FS19	A-5	FS98	F-5	IC302	D-4	RV109	G-1		
FS20	B-1	FS99	F-5	IC303	C-4	RV110	F-1		
FS21	B-2	FS100	F-5	IC304	C-3	RV111	C-1		
FS22	B-2	FS101	F-5	IC305	D-3	RV112	C-1		
FS23	B-3	FS102	F-5	IC306	C-3	RV206	A-1		
FS24	B-3	FS103	F-5	IC307	C-5	RV207	B-1		
FS25	B-4	FS104	F-5	IC308	C-4	RV208	B-1		
FS26	B-5	FS105	F-5	IC309	B-5	RV209	B-1		
FS27	B-1	FS106	F-5	IC310	G-3	RV210	D-1		
FS28	B-2	FS107	G-1	IC311	E-3	RV211	G-1		
FS29	C-2	FS108	G-1	IC312	E-4	RV212	F-1		
FS30	B-5	FS109	G-2	IC313	G-5	RV301	B-4		
FS31	B-5	FS110	G-2	IC314	E-3	RV302	B-4		
FS32	B-5	FS111	G-2	IC315	J-3				
FS33	B-5	FS112	G-2	IC316	J-5	RY301	J-3		
FS34	C-1	FS113	G-3			RY311	J-2		
FS35	C-2	FS114	G-3	LV101	C-2				
FS36	C-2	FS115	G-3	LV201	A-2	S103	J-1		
FS37	C-5	FS116	G-4	LV301	J-4	S203	A-1		
FS38	C-5	FS117	G-4	LV311	J-3				
FS39	C-5	FS118	G-4	LV321	J-5	*TH1	G-2		
FS40	C-1	FS119	G-5			*TH2	C-2		
FS41	C-1	FS120	G-5	PS1	H-5				
FS42	C-2	FS121	G-5	PS2	H-5	TP106	H-1		
FS43	C-2	FS122	H-1			TP206	A-1		

* : B SIDE

UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC);Serial No.10001 through 13930
UVW-1800P(EK);Serial No.10001 through 14140

AR-14/14P(1/4);LTC REC/CANCEL CROSSTALK SIG.



AR-14/14P BOARD (1/4)

BOARD NO.1-648-907-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140

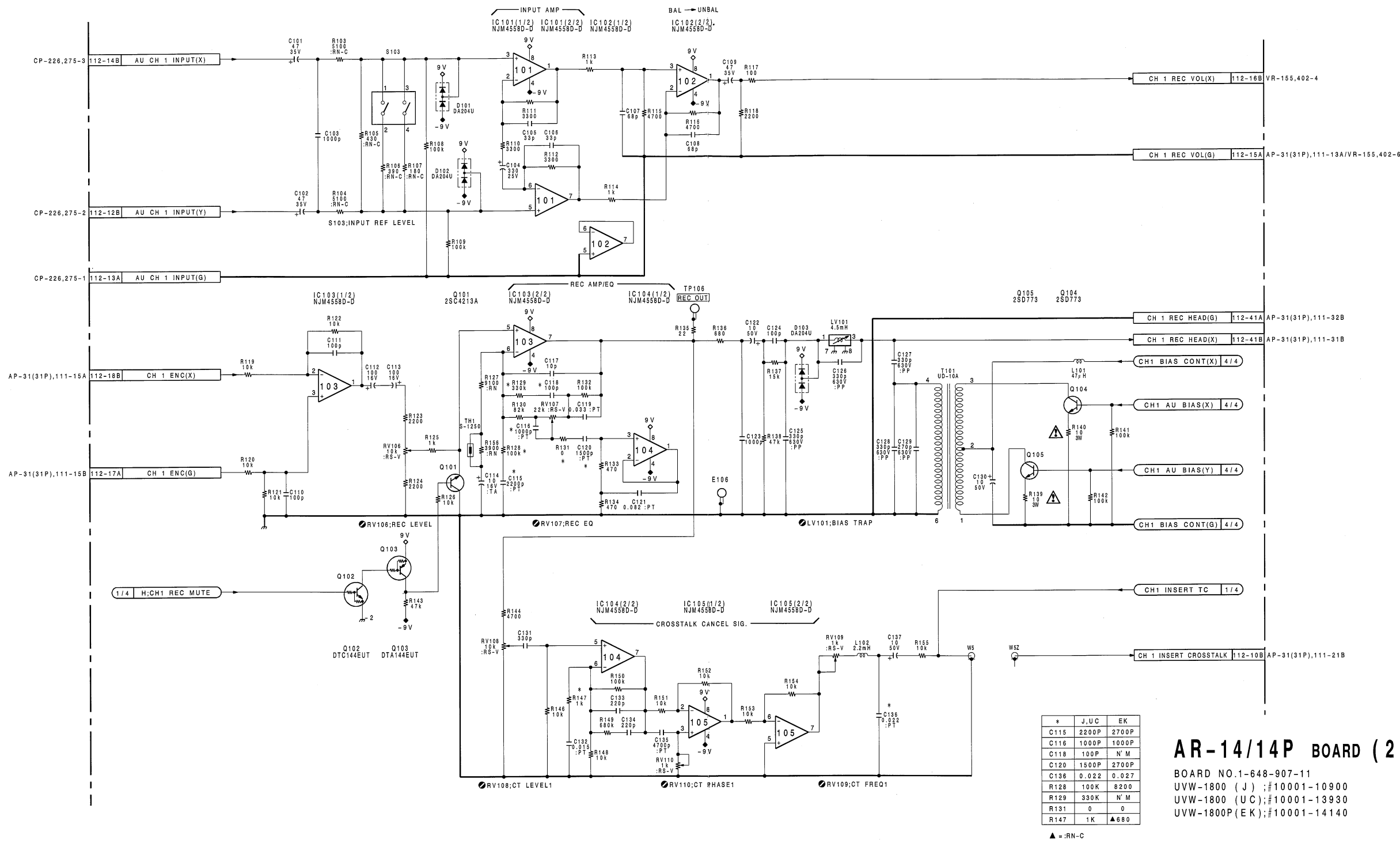
AR-14 (1-648-907-11)

CN1	J-5	FS44	C-3	FS123	H-1	*Q1	E-5	TP301	J-1
CN112	E-5	FS45	C-3	FS124	J-1	*Q2	E-5	TP311	J-1
		FS46	C-3	FS125	H-2	*Q3	E-5	TP321	J-1
*D1	D-5	FS47	C-3	FS126	H-2	*Q4	E-5		
*D101	J-2	FS48	C-3	FS127	H-2	*Q5	F-5	X301	D-3
*D102	J-1	FS49	C-4	FS128	H-4	*Q101	G-1		
*D103	C-3	FS50	C-4	FS129	J-1	*Q102	E-4		
*D201	A-2	FS51	C-5	FS130	J-1	*Q103	G-2		
*D202	A-1	FS52	D-1	FS131	J-1	Q104	C-4		
*D203	A-3	FS54	D-3	FS132	J-2	Q105	B-4		
*D301	C-5	FS55	D-3	FS133	J-2	*Q201	C-1		
*D302	D-4	FS56	D-3	FS134	J-2	*Q202	E-4		
*D303	B-3	FS57	D-4	FS135	H-2	*Q203	C-1		
*D304	B-5	FS58	D-4	FS136	J-2	Q204	A-4		
*D305	B-3	FS59	D-4	FS137	J-2	Q205	A-4		
*D306	A-5	FS60	D-5	FS138	J-3	*Q301	B-3		
*D311	G-4	FS61	D-1	FS139	J-3	Q302	C-5		
*D312	G-4	FS62	E-1	FS140	J-5	*Q303	B-3		
*D313	J-3	FS63	D-3	FS141	J-5	Q304	A-5		
*D314	F-3	FS64	E-3	FS142	J-1	Q305	C-5		
*D321	G-3	FS65	E-3	FS143	J-1	Q306	A-5		
*D322	G-3	FS66	D-4	FS144	J-1	*Q311	F-3		
*D323	J-2	FS68	E-4	FS145	J-2	Q312	G-4		
*D324	E-4	FS69	D-4	FS146	J-2	*Q313	F-2		
*D331	G-5	FS70	D-4	FS147	J-2	*Q314	H-4		
*D332	G-5	FS72	E-1	FS148	J-3	*Q315	H-4		
*D334	E-4	FS73	E-2	FS149	J-3	Q316	H-3		
		FS74	E-3	FS150	J-4	Q317	H-4		
E106	H-1	FS75	F-3	FS152	H-2	*Q318	J-3		
E206	A-1	FS76	E-3	FS153	E-1	Q319	G-4		
E301	J-1	FS77	F-3	FS154	F-1	*Q321	G-3		
E311	J-1	FS78	E-4	FS155	J-5	Q322	G-2		
		FS79	E-4	FS156	J-4	*Q323	E-3		
FS1	A-1	FS80	F-4			*Q324	H-2		
FS2	A-1	FS81	E-5	IC1	E-4	*Q325	H-3		
FS3	A-1	FS82	E-5	IC2	E-2	Q326	H-2		
FS4	A-2	FS83	F-1	IC3	D-5	Q327	H-3		
FS5	A-2	FS84	F-1	IC5	B-5	*Q328	J-2		
FS6	A-5	FS85	F-1	IC6	B-5	Q329	G-2		
FS7	A-2	FS86	F-1	IC7	C-5	*Q331	F-5		
FS8	A-2	FS87	F-1	IC101	J-2	Q332	G-5		
FS9	A-2	FS88	F-2	IC102	J-2	*Q333	F-3		
FS10	A-5	FS89	F-2	IC103	H-2	*Q334	H-4		
FS11	A-5	FS90	F-2	IC104	G-2	*Q335	H-5		
FS12	A-5	FS91	F-3	IC105	F-2	Q336	H-4		
FS13	B-1	FS92	F-3	IC201	A-2	Q337	H-5		
FS14	B-2	FS93	F-3	IC202	B-2	Q339	G-5		
FS15	B-5	FS94	F-4	IC203	C-2				
FS16	B-5	FS95	F-4	IC204	D-2	RV106	J-1		
FS17	A-5	FS96	F-4	IC205	E-2	RV107	H-1		
FS18	A-5	FS97	F-4	IC301	D-3	RV108	H-1		
FS19	A-5	FS98	F-5	IC302	D-4	RV109	G-1		
FS20	B-1	FS99	F-5	IC303	C-4	RV110	F-1		
FS21	B-2	FS100	F-5	IC304	C-3	RV111	C-1		
FS22	B-2	FS101	F-5	IC305	D-3	RV112	C-1		
FS23	B-3	FS102	F-5	IC306	C-3	RV206	A-1		
FS24	B-3	FS103	F-5	IC307	C-5	RV207	B-1		
FS25	B-4	FS104	F-5	IC308	C-4	RV208	B-1		
FS26	B-5	FS105	F-5	IC309	B-5	RV209	B-1		
FS27	B-1	FS106	F-5	IC310	G-3	RV210	D-1		
FS28	B-2	FS107	G-1	IC311	E-3	RV211	G-1		
FS29	C-2	FS108	G-1	IC312	E-4	RV212	F-1		
FS30	B-5	FS109	G-2	IC313	G-5	RV301	B-4		
FS31	B-5	FS110	G-2	IC314	E-3	RV302	B-4		
FS32	B-5	FS111	G-2	IC315	J-3				
FS33	B-5	FS112	G-2	IC316	J-5	RY301	J-3		
FS34	C-1	FS113	G-3			RY311	J-2		
FS35	C-2	FS114	G-3	LV101	C-2				
FS36	C-2	FS115	G-3	LV201	A-2	S103	J-1		
FS37	C-5	FS116	G-4	LV301	J-4	S203	A-1		
FS38	C-5	FS117	G-4	LV311	J-3				
FS39	C-5	FS118	G-4	LV321	J-5	*TH1	G-2		
FS40	C-1	FS119	G-5			*TH2	C-2		
FS41	C-1	FS120	G-5	PS1	H-5				
FS42	C-2	FS121	G-5	PS2	H-5	TP106	H-1		
FS43	C-2	FS122	H-1			TP206	A-1		

* : B SIDE

UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC) ;Serial No.10001 through 13930
UVW-1800P (EK) ;Serial No.10001 through 14140

AR-14/14P (2/4) ;CH-1 REC/BIAS DRIVE,CH-1 CANCEL CROSSTALK SIG.

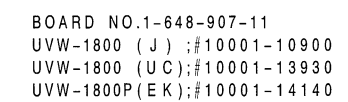


AR-14 (1-648-907-11)

CN1	J-5	FS44	C-3	FS123	H-1	*Q1	E-5	TP301	J-1
CN112	E-5	FS45	C-3	FS124	J-1	*Q2	E-5	TP311	J-1
		FS46	C-3	FS125	H-2	*Q3	E-5	TP321	J-1
*D1	D-5	FS47	C-3	FS126	H-2	*Q4	E-5		
*D101	J-2	FS48	C-3	FS127	H-2	*Q5	F-5	X301	D-3
*D102	J-1	FS49	C-4	FS128	H-4	*Q101	G-1		
*D103	C-3	FS50	C-4	FS129	J-1	*Q102	E-4		
*D201	A-2	FS51	C-5	FS130	J-1	*Q103	G-2		
*D202	A-1	FS52	D-1	FS131	J-1	Q104	C-4		
*D203	A-3	FS54	D-3	FS132	J-2	Q105	B-4		
*D301	C-5	FS55	D-3	FS133	J-2	*Q201	C-1		
*D302	D-4	FS56	D-3	FS134	J-2	*Q202	E-4		
*D303	B-3	FS57	D-4	FS135	H-2	*Q203	C-1		
*D304	B-5	FS58	D-4	FS136	J-2	Q204	A-4		
*D305	B-3	FS59	D-4	FS137	J-2	Q205	A-4		
*D306	A-5	FS60	D-5	FS138	J-3	*Q301	B-3		
*D311	G-4	FS61	D-1	FS139	J-3	Q302	C-5		
*D312	G-4	FS62	E-1	FS140	J-5	*Q303	B-3		
*D313	J-3	FS63	D-3	FS141	J-5	Q304	A-5		
*D314	F-3	FS64	E-3	FS142	J-1	Q305	C-5		
*D321	G-3	FS65	E-3	FS143	J-1	Q306	A-5		
*D322	G-3	FS66	D-4	FS144	J-1	*Q311	F-3		
*D323	J-2	FS68	E-4	FS145	J-2	Q312	G-4		
*D324	E-4	FS69	D-4	FS146	J-2	*Q313	F-2		
*D331	G-5	FS70	D-4	FS147	J-2	*Q314	H-4		
*D332	G-5	FS72	E-1	FS148	J-3	*Q315	H-4		
*D334	E-4	FS73	E-2	FS149	J-3	Q316	H-3		
		FS74	E-3	FS150	J-4	Q317	H-4		
E106	H-1	FS75	F-3	FS152	H-2	*Q318	J-3		
E206	A-1	FS76	E-3	FS153	E-1	Q319	G-4		
E301	J-1	FS77	F-3	FS154	F-1	*Q321	G-3		
E311	J-1	FS78	E-4	FS155	J-5	Q322	G-2		
		FS79	E-4	FS156	J-4	*Q323	E-3		
FS1	A-1	FS80	F-4			*Q324	H-2		
FS2	A-1	FS81	E-5	IC1	E-4	*Q325	H-3		
FS3	A-1	FS82	E-5	IC2	E-2	Q326	H-2		
FS4	A-2	FS83	F-1	IC3	D-5	Q327	H-3		
FS5	A-2	FS84	F-1	IC5	B-5	*Q328	J-2		
FS6	A-5	FS85	F-1	IC6	B-5	Q329	G-2		
FS7	A-2	FS86	F-1	IC7	C-5	*Q331	F-5		
FS8	A-2	FS87	F-1	IC101	J-2	Q332	G-5		
FS9	A-2	FS88	F-2	IC102	J-2	*Q333	F-3		
FS10	A-5	FS89	F-2	IC103	H-2	*Q334	H-4		
FS11	A-5	FS90	F-2	IC104	G-2	*Q335	H-5		
FS12	A-5	FS91	F-3	IC105	F-2	Q336	H-4		
FS13	B-1	FS92	F-3	IC201	A-2	Q337	H-5		
FS14	B-2	FS93	F-3	IC202	B-2	Q339	G-5		
FS15	B-5	FS94	F-4	IC203	C-2				
FS16	B-5	FS95	F-4	IC204	D-2	RV106	J-1		
FS17	A-5	FS96	F-4	IC205	E-2	RV107	H-1		
FS18	A-5	FS97	F-4	IC301	D-3	RV108	H-1		
FS19	A-5	FS98	F-5	IC302	D-4	RV109	G-1		
FS20	B-1	FS99	F-5	IC303	C-4	RV110	F-1		
FS21	B-2	FS100	F-5	IC304	C-3	RV111	C-1		
FS22	B-2	FS101	F-5	IC305	D-3	RV112	C-1		
FS23	B-3	FS102	F-5	IC306	C-3	RV206	A-1		
FS24	B-3	FS103	F-5	IC307	C-5	RV207	B-1		
FS25	B-4	FS104	F-5	IC308	C-4	RV208	B-1		
FS26	B-5	FS105	F-5	IC309	B-5	RV209	B-1		
FS27	B-1	FS106	F-5	IC310	G-3	RV210	D-1		
FS28	B-2	FS107	G-1	IC311	E-3	RV211	G-1		
FS29	C-2	FS108	G-1	IC312	E-4	RV212	F-1		
FS30	B-5	FS109	G-2	IC313	G-5	RV301	B-4		
FS31	B-5	FS110	G-2	IC314	E-3	RV302	B-4		
FS32	B-5	FS111	G-2	IC315	J-3				
FS33	B-5	FS112	G-2	IC316	J-5	RY301	J-3		
FS34	C-1	FS113	G-3			RY311	J-2		
FS35	C-2	FS114	G-3	LV101	C-2				
FS36	C-2	FS115	G-3	LV201	A-2	S103	J-1		
FS37	C-5	FS116	G-4	LV301	J-4	S203	A-1		
FS38	C-5	FS117	G-4	LV311	J-3				
FS39	C-5	FS118	G-4	LV321	J-5	*TH1	G-2		
FS40	C-1	FS119	G-5			*TH2	C-2		
FS41	C-1	FS120	G-5	PS1	H-5				
FS42	C-2	FS121	G-5	PS2	H-5	TP106	H-1		
FS43	C-2	FS122	H-1			TP206	A-1		

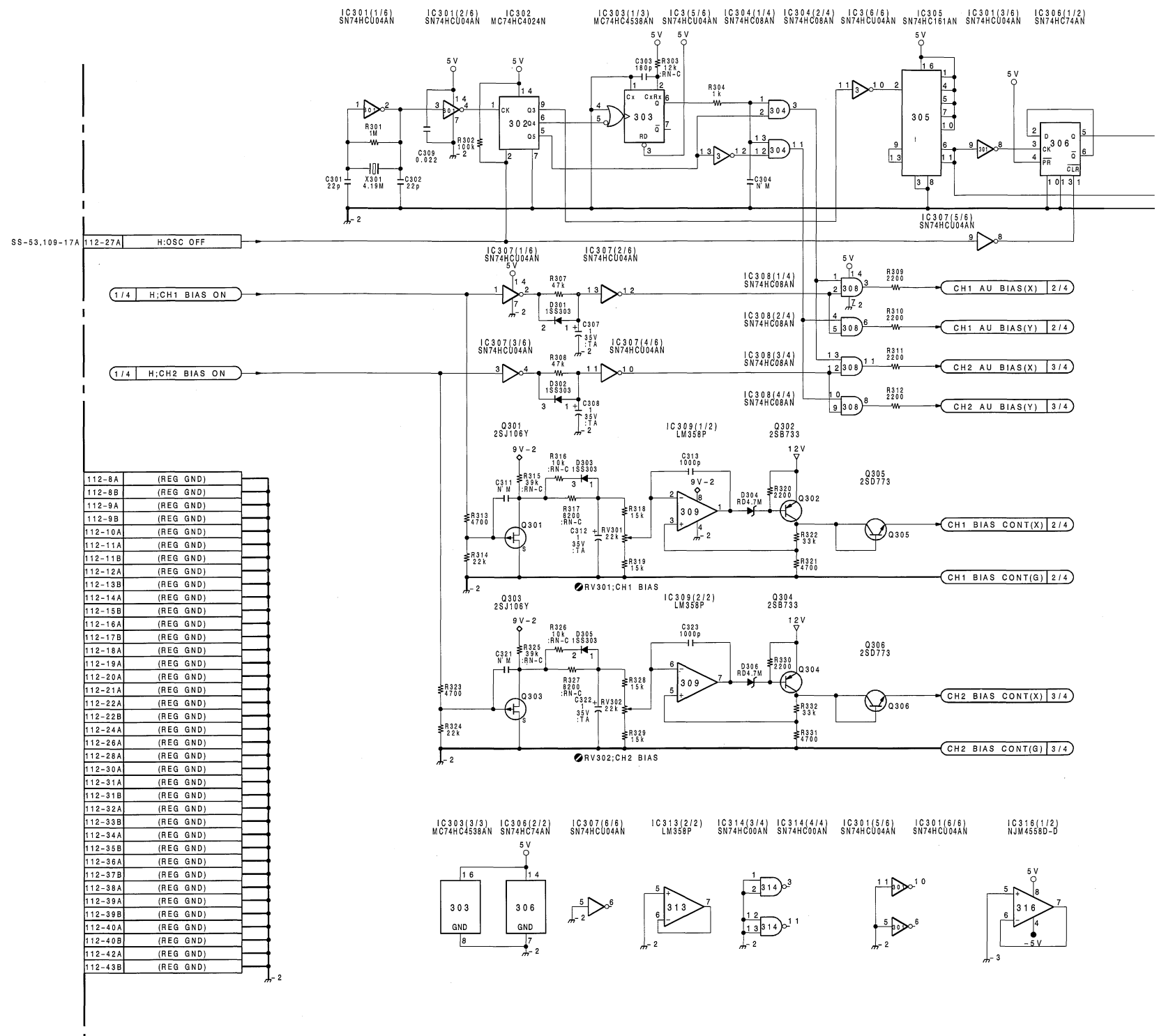
* : B SIDE

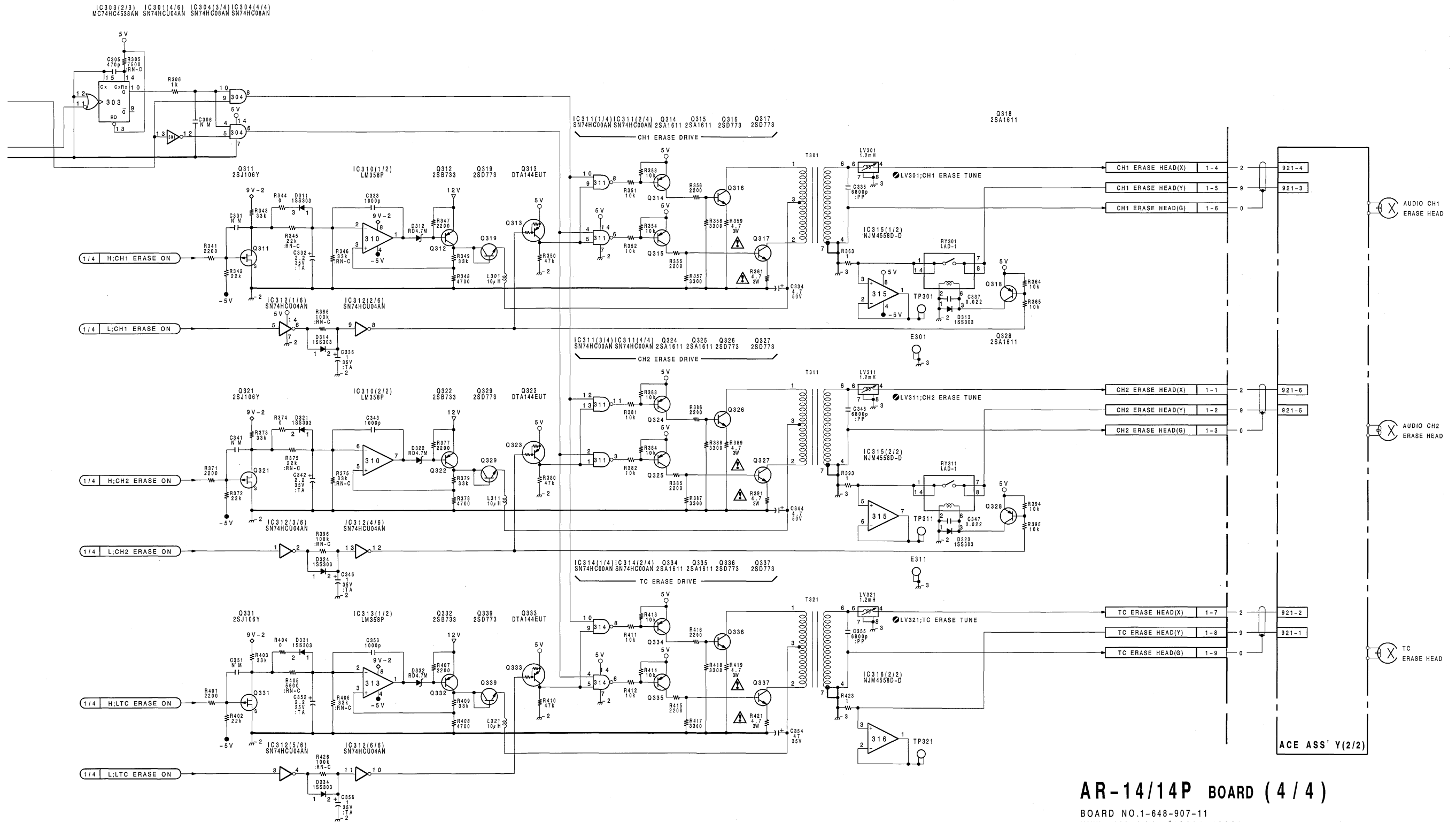
AR-14/14P(3/4);CH-2 REC/BIAS DRIVE,CH-2 CANCEL CROSSTALK SIG.



UVW-1800 (J) ;Serial	No.10001	through	10900
UVW-1800 (UC);Serial	No.10001	through	13930
UVW-1800P (EK);Serial	No.10001	through	14140

AR-14/14P(4/4);BIAS/ERASE OSC,AU/TC ERASE DRIVE






AR-14/14P BOARD (4/4)

BOARD NO.1-648-907-11
 UVW-1800 (J) ;#10001-10900
 UVW-1800 (UC) ;#10001-13930
 UVW-1800P(EK) ;#10001-14140

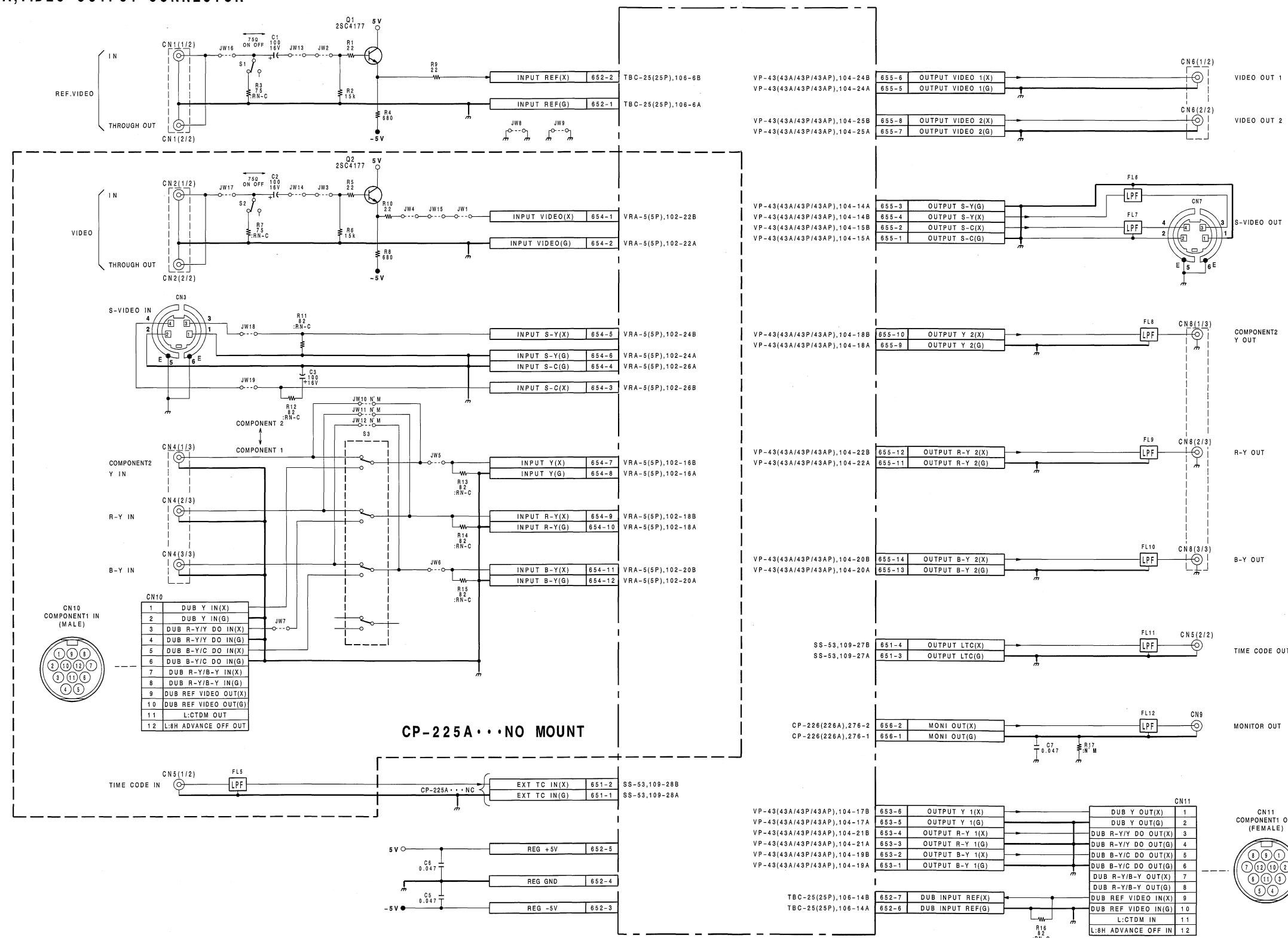
CN11
COMPONENT1 OUT
(FEMALE)



A circular diagram representing a 12-pin connector. The pins are numbered 1 through 12 in a circular arrangement. Pin 1 is at the top right, pin 2 is to its right, pin 3 is at the bottom right, pin 4 is at the bottom, pin 5 is at the bottom left, pin 6 is to its left, pin 7 is at the top left, pin 8 is to its left, pin 9 is at the top, pin 10 is to its right, pin 11 is at the bottom center, and pin 12 is at the top center.

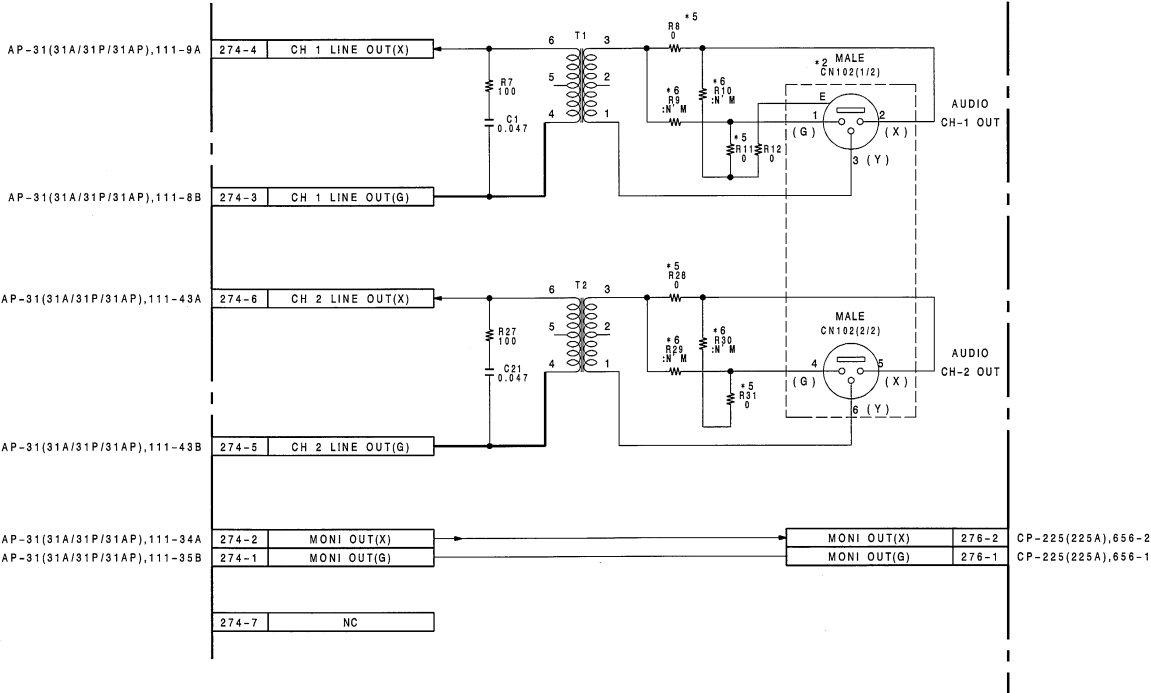
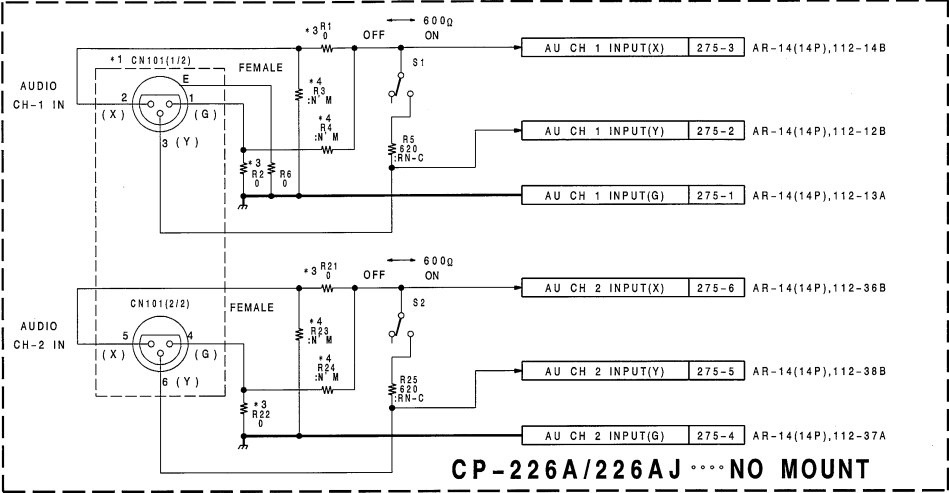
UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

CP-225 ;VIDEO INPUT/OUTPUT CONNECTOR
CP-225A;VIDEO OUTPUT CONNECTOR



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P(EK) ; Serial No.13781 and higher

CP-226/226J ;AUDIO INPUT/OUTPUT CONNECTOR,OUTPUT TRANSFORMER
CP-226A/226AJ ;AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER



CP-226/226J

REF.No	UC,EK	J
*1	CN101	FEMALE MALE
*2	CN102	MALE FEMALE
*3	R1,2,21,22	0 :N' M
*4	R3,4,23,24	:N' M 0
*5	R8,11,28,31	0 :N' M
*6	R9,10,29,30	:N' M 0

CP-226A/226AJ

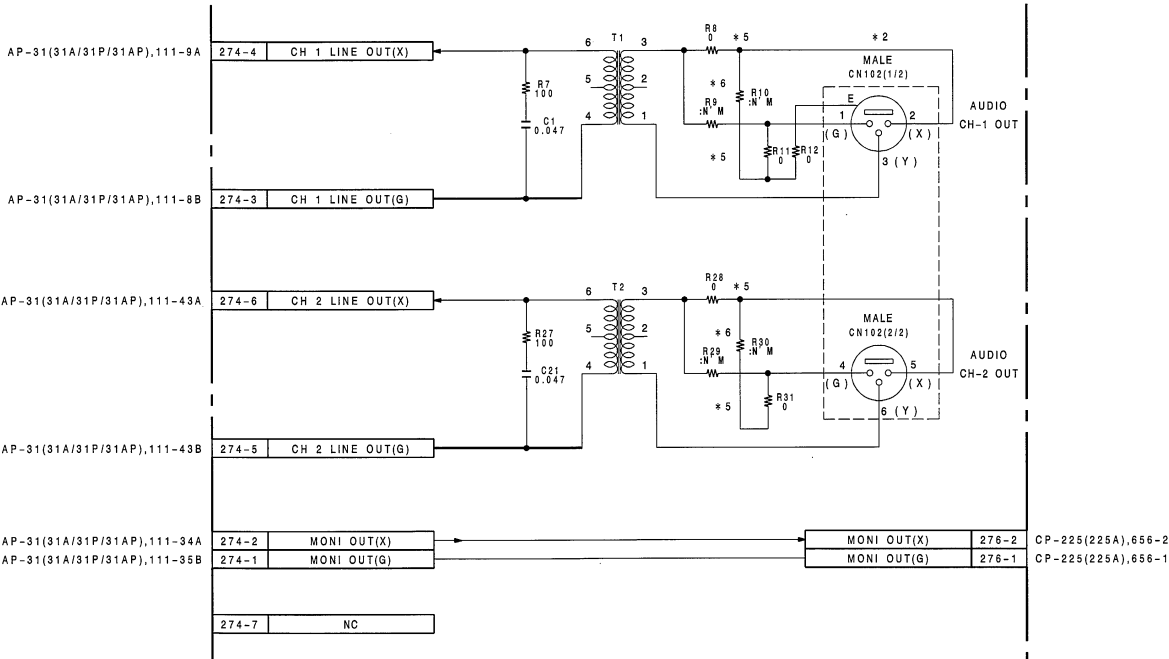
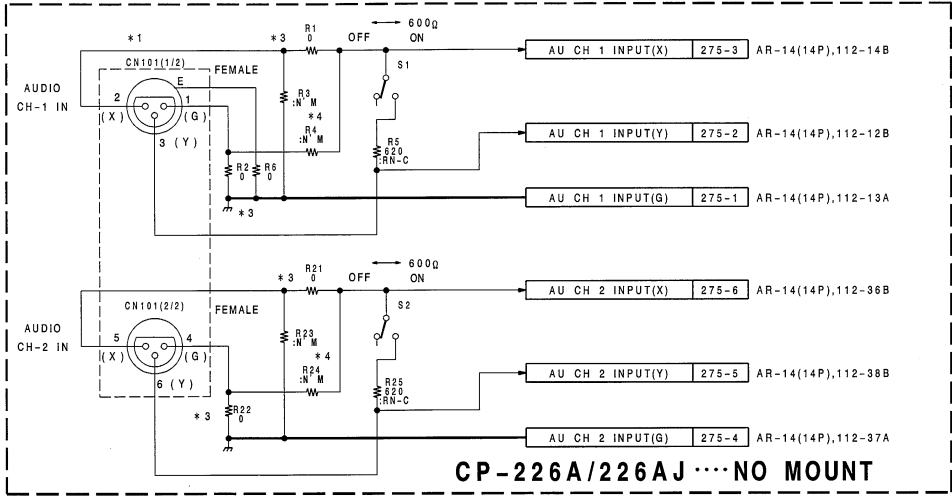
REF.No	UC,EK	J
*2	CN102	MALE FEMALE
*5	R8,11,28,31	0 :N' M
*6	R9,10,29,30	:N' M 0

CP-226/226A/226J/226AJ BOARD

BOARD NO.1-648-911-12,22
UVW-1800 (J) ;#10901-
UVW-1800 (UC) ;#13931-
UVW-1800P(EK) ;#14141-
UVW-1600 (J) ;#10601-
UVW-1600 (UC) ;#12901-
UVW-1600P(EK) ;#13781-

UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC);Serial No.10001 through 13930
UVW-1800P (EK);Serial No.10001 through 14140
UVW-1600 (J) ;Serial No.10001 through 10600
UVW-1600 (UC);Serial No.10001 through 12900
UVW-1600P (EK);Serial No.10001 through 13780

CP-226/226J ;AUDIO INPUT/OUTPUT CONNECTOR,OUTPUT TRANSFORMER
CP-226A/226AJ ;AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER



CP-226/226J

REF.No	UC,EK	J
*1	CN101	FEMALE MALE
*2	CN102	MALE FEMALE
*3	R1,2,21,22	0 :N' M
*4	R3,4,23,24	:N' M 0
*5	R8,11,28,31	0 :N' M
*6	R9,10,29,30	:N' M 0

CP-226A/226AJ

REF.No	UC,EK	J
*2	CN102	MALE FEMALE
*5	R8,11,28,31	0 :N' M
*6	R9,10,29,30	:N' M 0

CP-226/226A/226J/226AJ BOARD

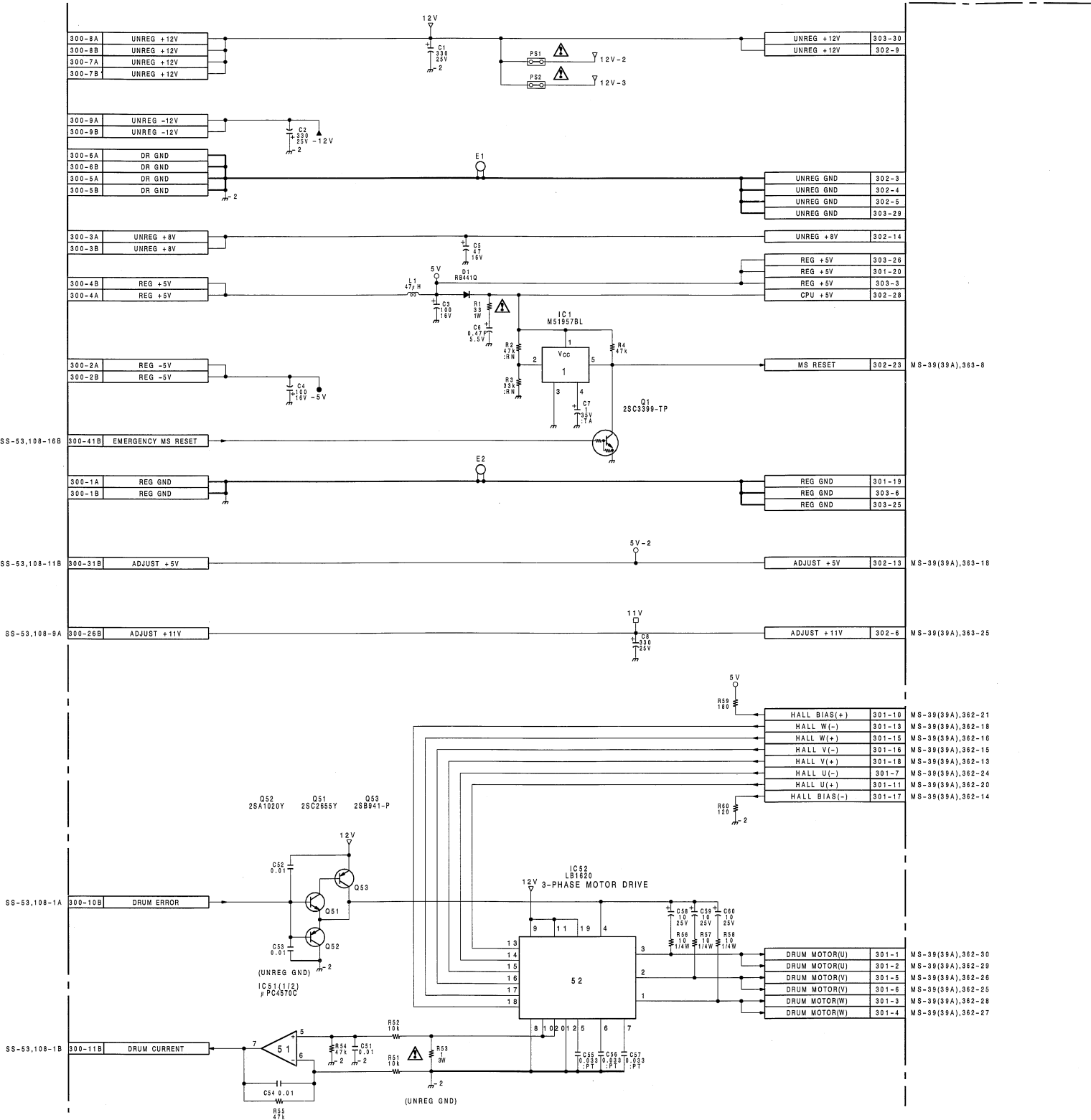
BOARD NO.1-648-911-11,21
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P (EK);#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P (EK);#10001-13780

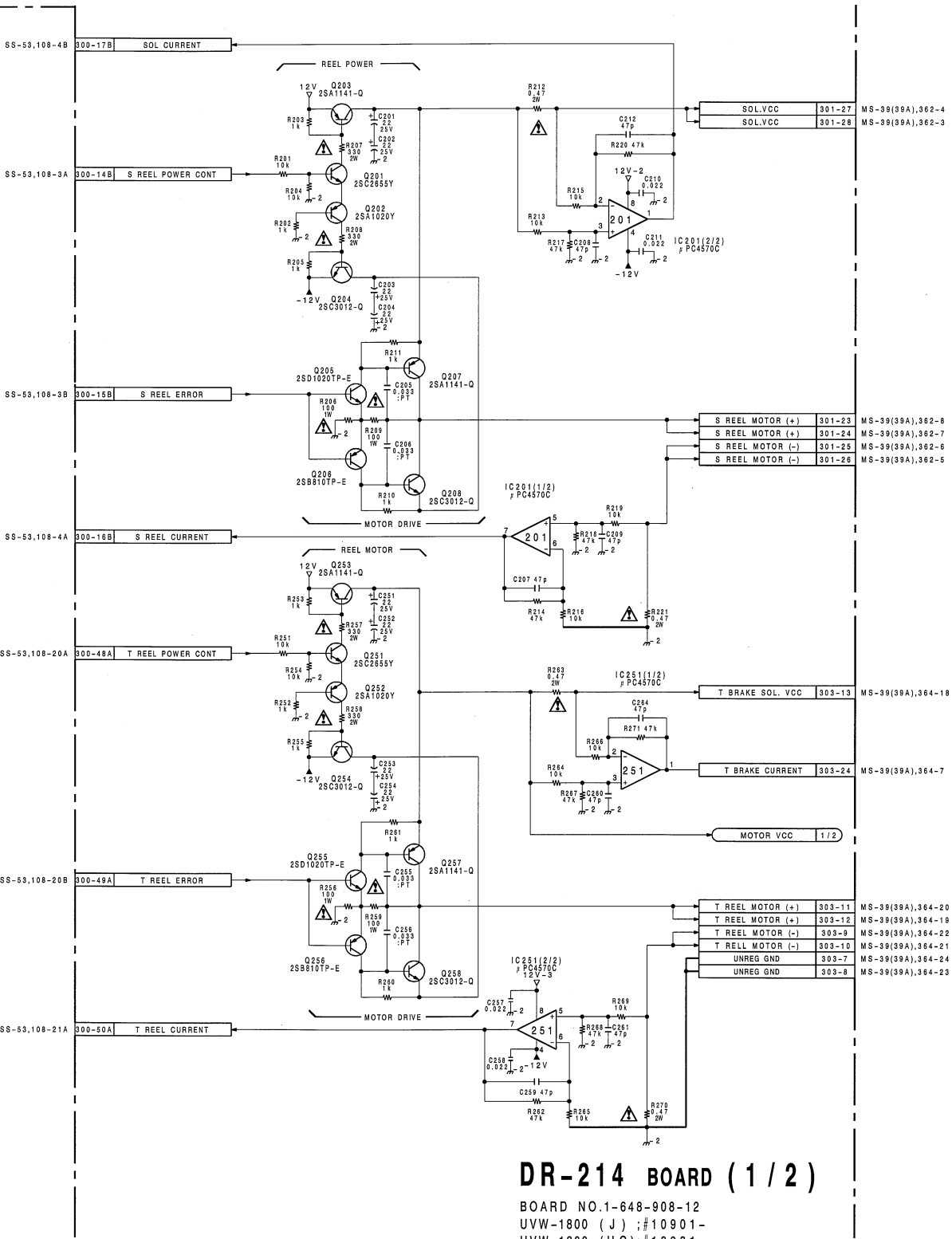
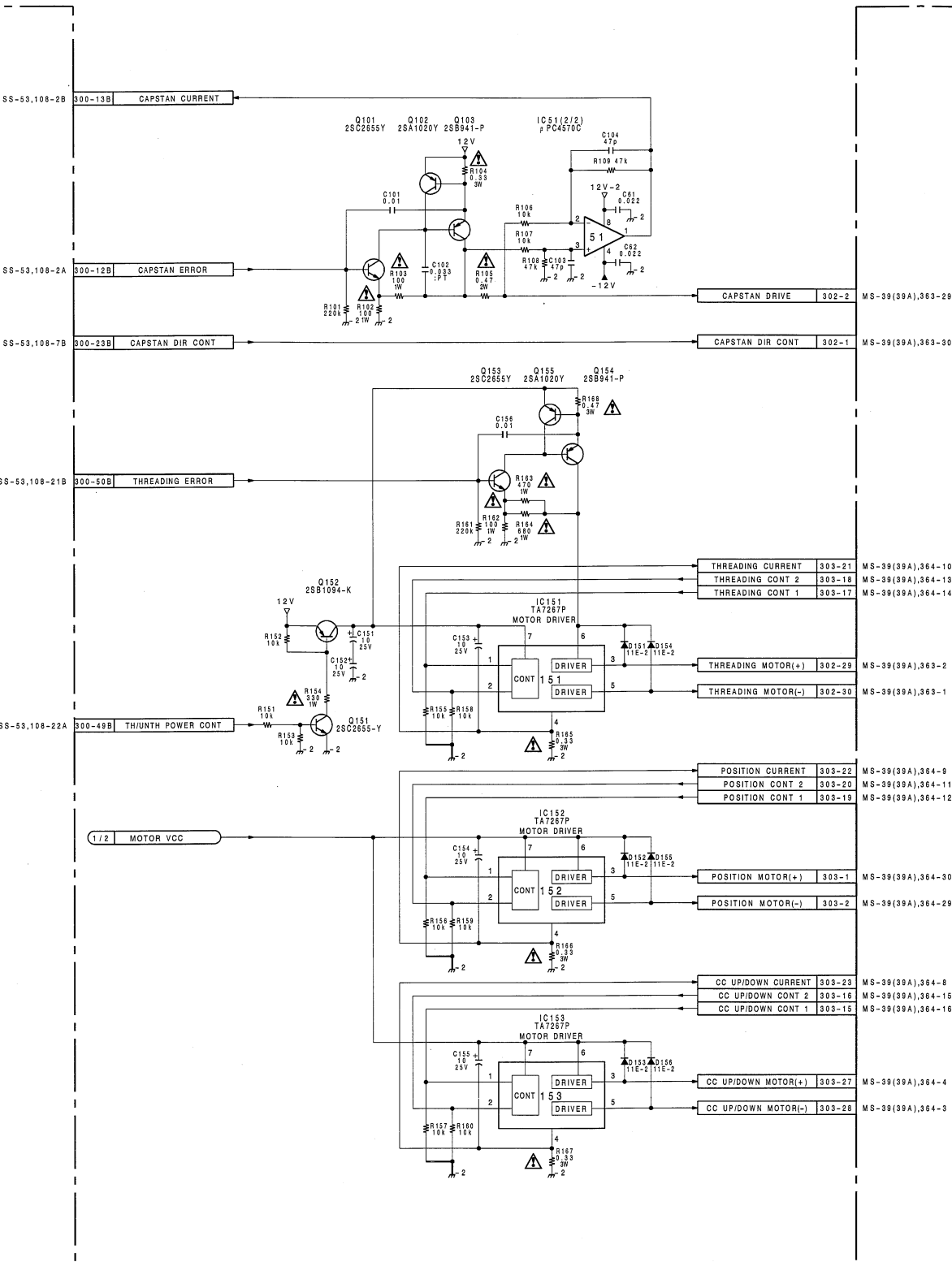
UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC); Serial No.13931 and higher
UVW-1800P(EK); Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC); Serial No.12901 and higher
UVW-1600P(EK); Serial No.13781 and higher

DR-214(1/2);DRUM/CAP/THREAD/REEL POS./CC/REEL MOTOR DRIVE

DR-214 (1-648-908-11, 12)

- CN300 H-1
CN301 C-5
CN302 H-5
CN303 L-5
- D1 G-2
D151 L-3
D152 K-3
D153 L-2
D154 M-3
D155 K-3
D156 L-2
D301 G-2
D302 J-4
D303 H-4
D304 H-2
D306 H-3
- E1 K-1
E2 K-5
- IC1 G-2
IC51 C-2
IC52 D-3
IC151 L-4
IC152 L-4
IC153 L-2
IC201 C-1
IC251 L-1
IC301 F-3
IC302 F-4
IC303 F-2
IC304 G-4
IC305 J-5
IC306 H-4
IC307 J-2
IC308 E-5
IC310 J-3
IC311 J-1
IC313 H-2
- Q1 G-3
Q51 B-5
Q52 B-5
Q53 B-5
Q101 B-4
Q102 B-4
Q103 B-4
Q151 M-2
Q152 N-4
Q153 M-3
Q154 N-5
Q155 M-3
Q201 B-1
Q202 B-1
Q203 B-2
Q204 B-2
Q205 B-3
Q206 B-3
Q207 B-3
Q208 B-4
Q251 N-1
Q252 N-1
Q253 N-2
Q254 M-2
Q255 N-3
Q256 N-3
Q257 N-3
Q258 N-4
Q301 H-2
Q302 K-1
Q303 K-2





DR-214 BOARD (1 / 2)

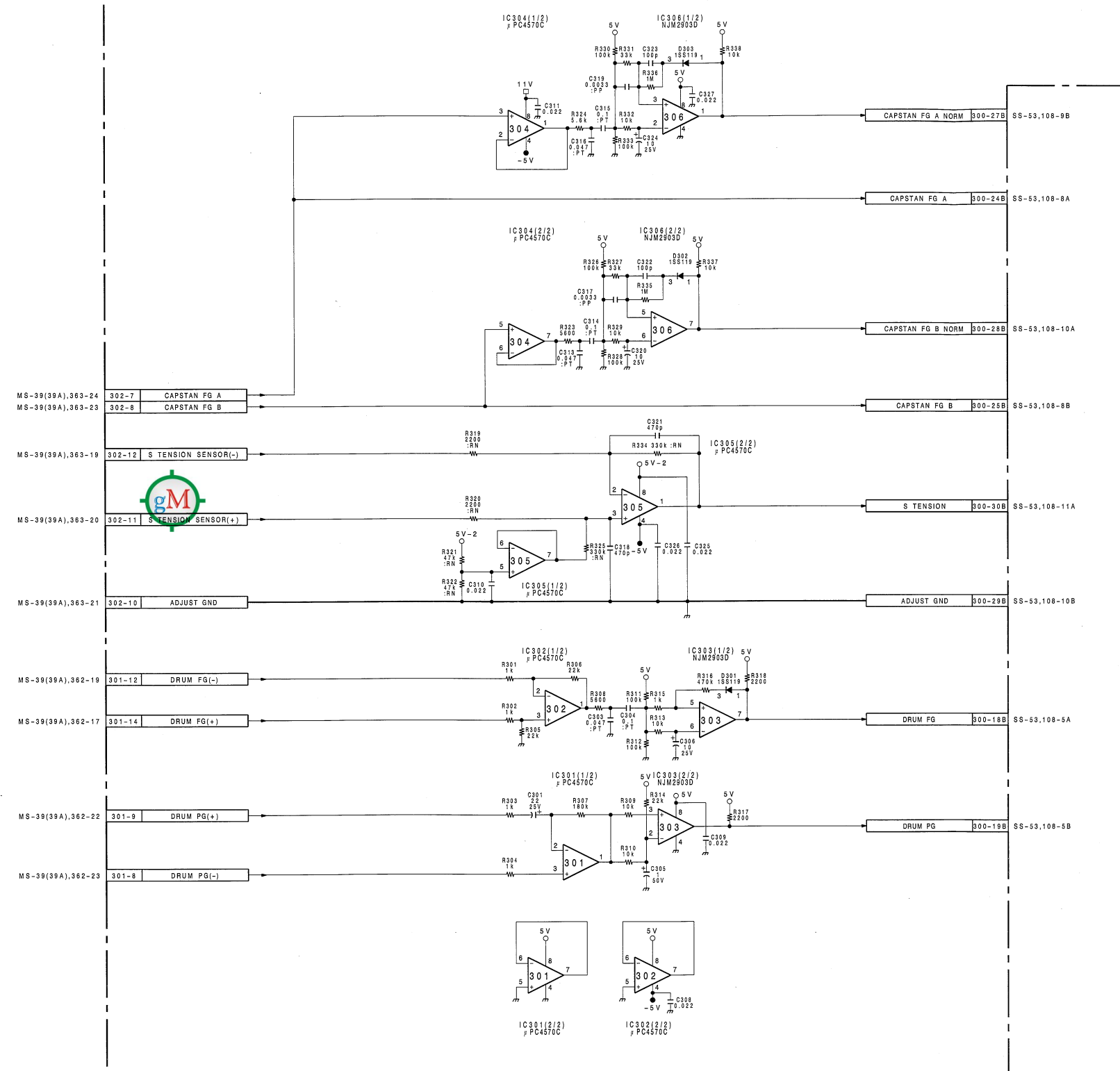
BOARD NO.1-648-908-12
UVW-1800 (J) ; #10901-
UVW-1800 (UC) ; #13931-
UVW-1800P (EK) ; #14141-
UVW-1600 (J) ; #10601-
UVW-1600 (UC) ; #12901-
UVW-1600P (EK) ; #13781-

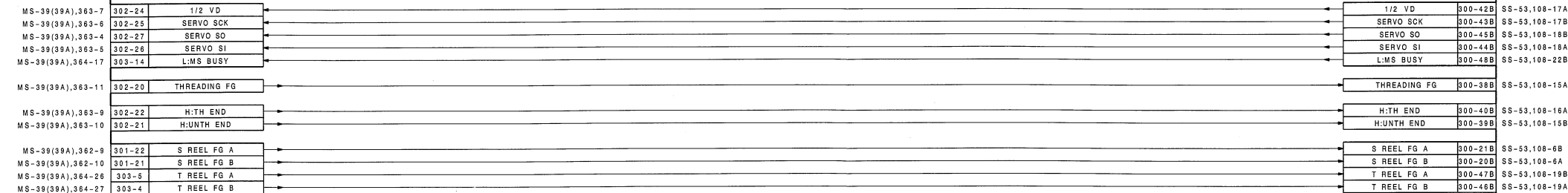
UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC); Serial No.13931 and higher
UVW-1800P(EK); Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC); Serial No.12901 and higher
UVW-1600P(EK); Serial No.13781 and higher

DR-214(2/2);CTL REC/PB,DRUM PG/FG AMP.,CAPSTAN FG AMP.,TENSION AMP.,TAPE TOP/END DETECT

DR-214 (1-648-908-11, 12)

- CN300 H-1
- CN301 C-5
- CN302 H-5
- CN303 L-5
- D1 G-2
- D151 L-3
- D152 K-3
- D153 L-2
- D154 M-3
- D155 K-3
- D156 L-2
- D301 G-2
- D302 J-4
- D303 H-4
- D304 H-2
- D306 H-3
- E1 K-1
- E2 K-5
- IC1 G-2
- IC51 C-2
- IC52 D-3
- IC151 L-4
- IC152 L-4
- IC153 L-2
- IC201 C-1
- IC251 L-1
- IC301 F-3
- IC302 F-4
- IC303 F-2
- IC304 G-4
- IC305 J-5
- IC306 H-4
- IC307 J-2
- IC308 E-5
- IC310 J-3
- IC311 J-1
- IC313 H-2
- Q1 G-3
- Q51 B-5
- Q52 B-5
- Q53 B-5
- Q101 B-4
- Q102 B-4
- Q103 B-4
- Q151 M-2
- Q152 N-4
- Q153 M-3
- Q154 N-5
- Q155 M-3
- Q201 B-1
- Q202 B-1
- Q203 B-2
- Q204 B-2
- Q205 B-3
- Q206 B-3
- Q207 B-3
- Q208 B-4
- Q251 N-1
- Q252 N-1
- Q253 N-2
- Q254 M-2
- Q255 N-3
- Q256 N-3
- Q257 N-3
- Q258 N-4
- Q301 H-2
- Q302 K-1
- Q303 K-2





DR-214 BOARD (2 / 2)

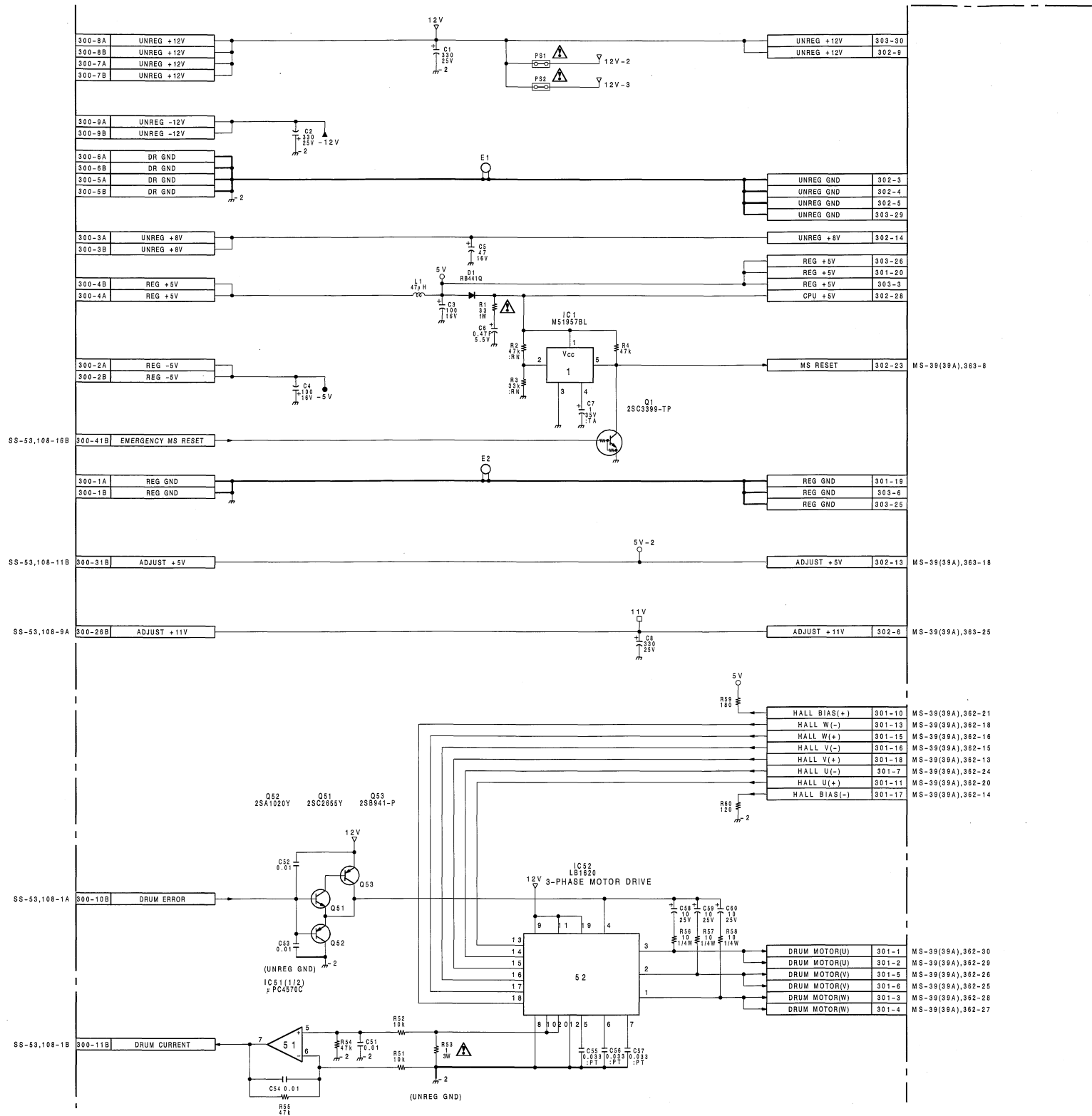
BOARD NO.1-648-908-12
UVW-1800 (J) ; # 10901-
UVW-1800 (U C) ; # 13931-
UVW-1800P (E K) ; # 14141-
UVW-1600 (J) ; # 10601-
UVW-1600 (U C) ; # 12901-
UVW-1600P (E K) ; # 13781-

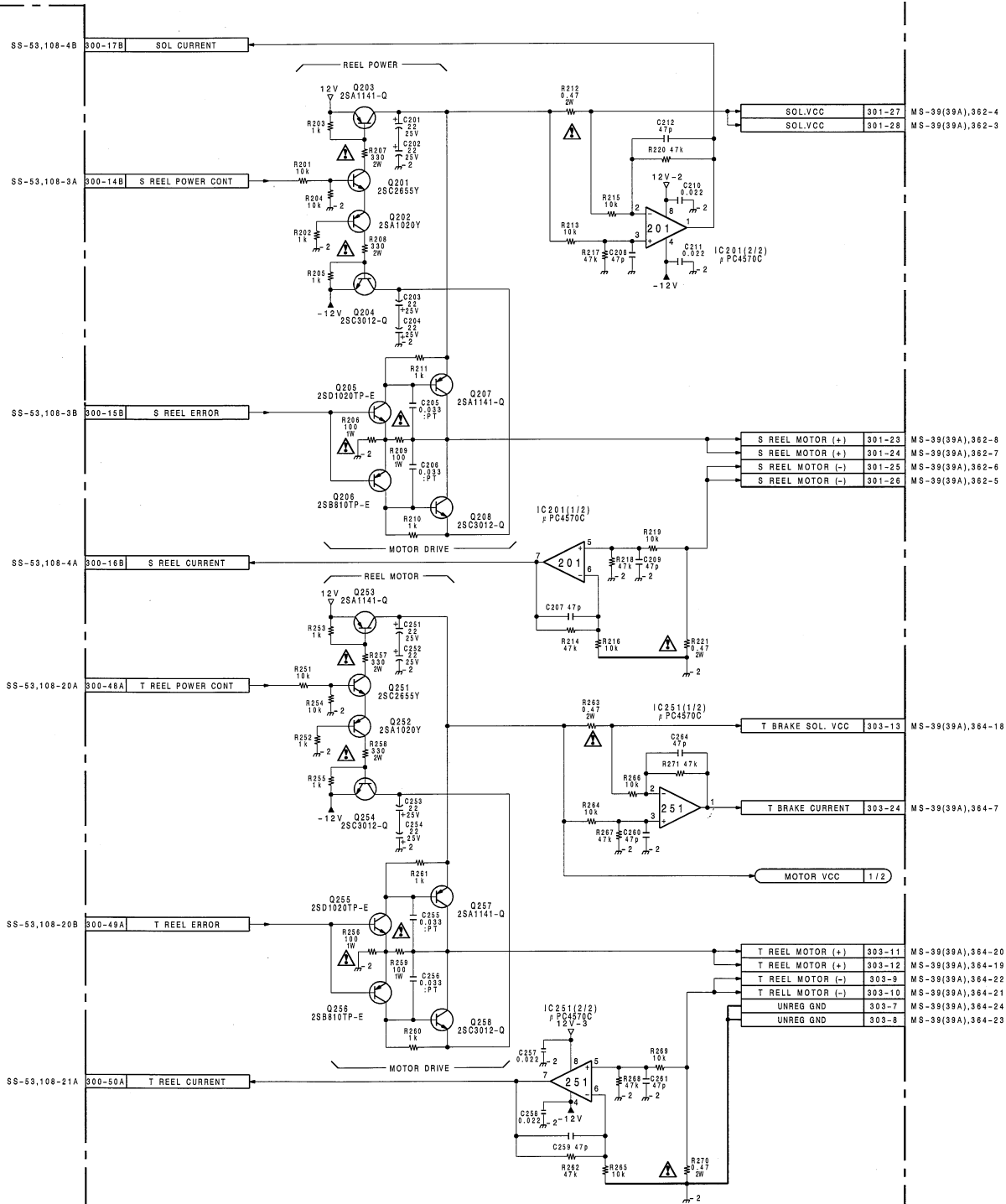
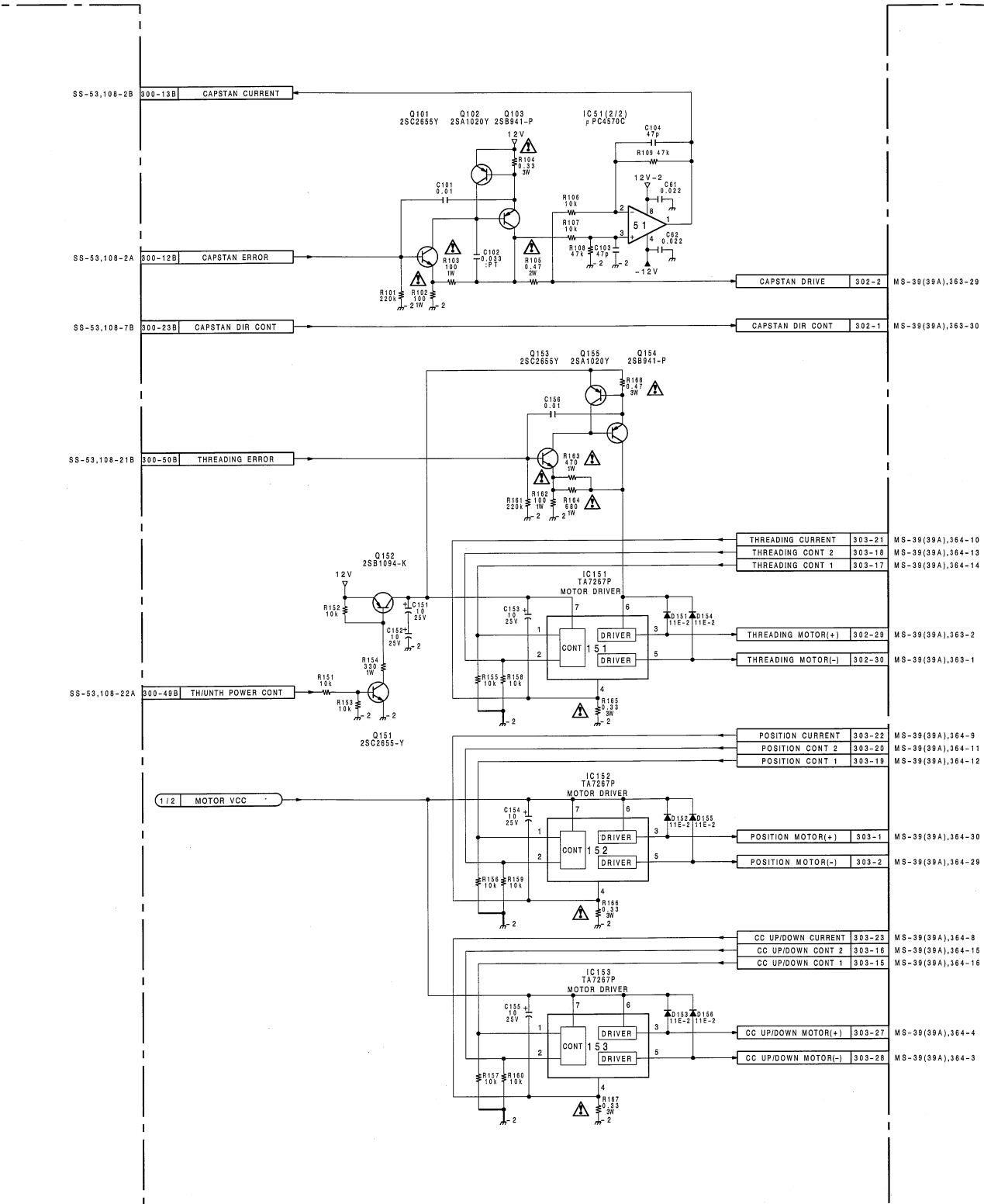
DR-214 (1-648-908-11, 12)

UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

DR-214(1/2);DRUM/CAP/THREAD/REEL POS./CC/REEL MOTOR DRIVE

- CN300 H-1
CN301 C-5
CN302 H-5
CN303 L-5
- D1 G-2
D151 L-3
D152 K-3
D153 L-2
D154 M-3
D155 K-3
D156 L-2
D301 G-2
D302 J-4
D303 H-4
D304 H-2
D306 H-3
- E1 K-1
E2 K-5
- IC1 G-2
IC51 C-2
IC52 D-3
IC151 L-4
IC152 L-4
IC153 L-2
IC201 C-1
IC251 L-1
IC301 F-3
IC302 F-4
IC303 F-2
IC304 G-4
IC305 J-5
IC306 H-4
IC307 J-2
IC308 E-5
IC310 J-3
IC311 J-1
IC313 H-2
- Q1 G-3
Q51 B-5
Q52 B-5
Q53 B-5
Q101 B-4
Q102 B-4
Q103 B-4
Q151 M-2
Q152 N-4
Q153 M-3
Q154 N-5
Q155 M-3
Q201 B-1
Q202 B-1
Q203 B-2
Q204 B-2
Q205 B-3
Q206 B-3
Q207 B-3
Q208 B-4
Q251 N-1
Q252 N-1
Q253 N-2
Q254 M-2
Q255 N-3
Q256 N-3
Q257 N-3
Q258 N-4
Q301 H-2
Q302 K-1
Q303 K-2





DR-214 BOARD (1/2)

BOARD NO.1-648-908-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC) ;#10001-13930
UVW-1800P (EK) ;#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC) ;#10001-12900
UVW-1600P (EK) ;#10001-13780

DR-214 (1-648-908-11, 12)

CN300 H-1
CN301 C-5
CN302 H-5
CN303 L-5

D1	G-2
D151	L-3
D152	K-3
D153	L-2
D154	M-3
D155	K-3
D156	L-2
D301	G-2
D302	J-4
D303	H-4
D304	H-2
D306	H-3

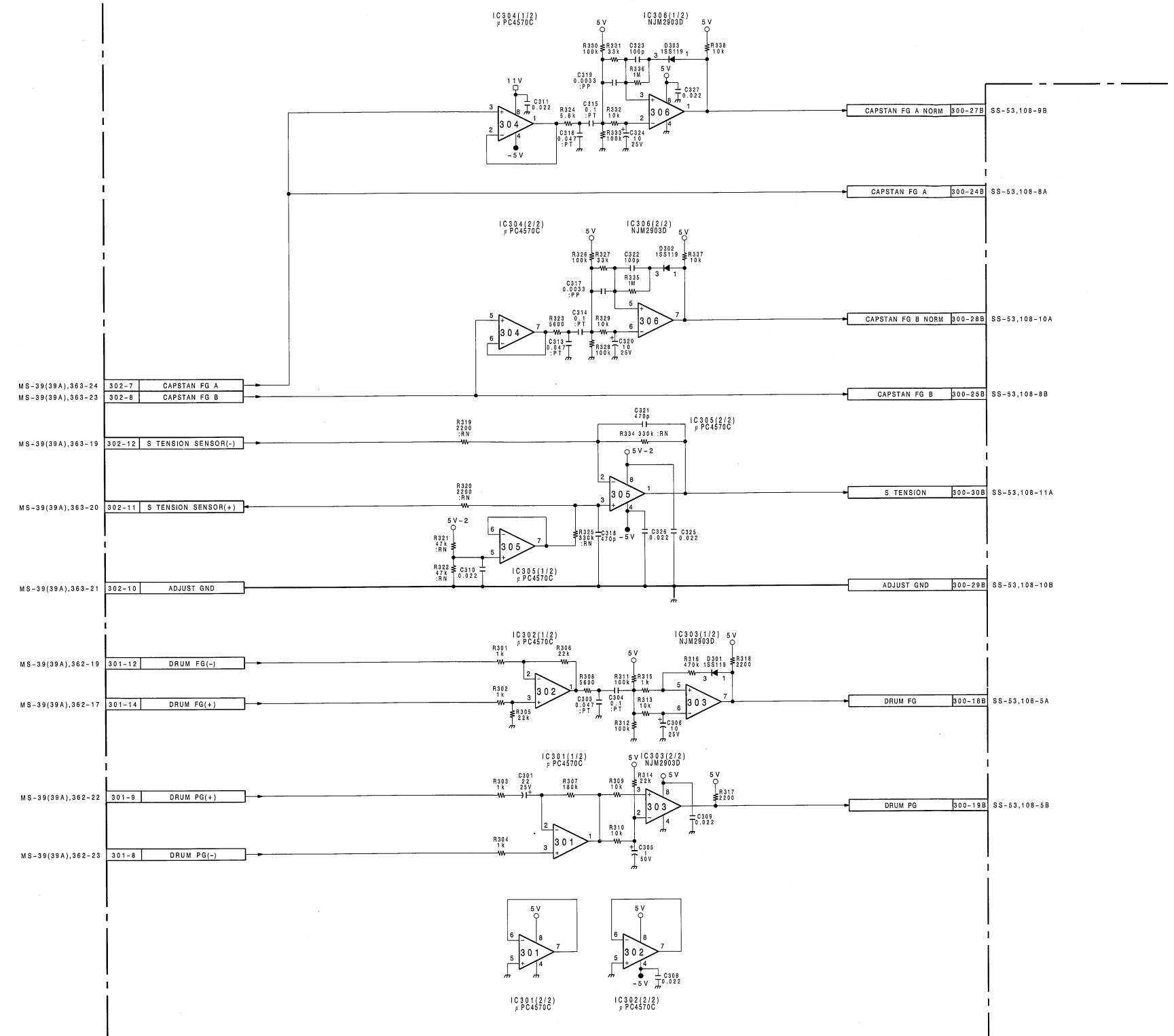
E1	K-1
E2	K-5

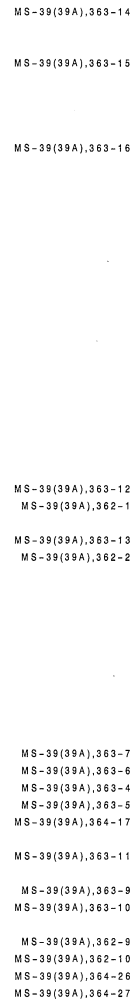
IC1	G-2
IC51	C-2
IC52	D-3
IC151	L-4
IC152	L-4
IC153	L-2
IC201	C-1
IC251	L-1
IC301	F-3
IC302	F-4
IC303	F-2
IC304	G-4
IC305	J-5
IC306	H-4
IC307	J-2
IC308	E-5
IC310	J-3
IC311	J-1
IC313	H-2

Q1	G-3
Q51	B-5
Q52	B-5
Q53	B-5
Q101	B-4
Q102	B-4
Q103	B-4
Q151	M-2
Q152	N-4
Q153	M-3
Q154	N-5
Q155	M-3
Q201	B-1
Q202	B-1
Q203	B-2
Q204	B-2
Q205	B-3
Q206	B-3
Q207	B-3
Q208	B-4
Q251	N-1
Q252	N-1
Q253	N-2
Q254	M-2
Q255	N-3
Q256	N-3
Q257	N-3
Q258	N-4
Q301	H-2
Q302	K-1
Q303	K-2

UVW-1800 (J) ; Serial	No.10001	through	10900
UVW-1800 (UC); Serial	No.10001	through	13930
UVW-1800P (EK); Serial	No.10001	through	14140
UVW-1600 (J) ; Serial	No.10001	through	10600
UVW-1600 (UC); Serial	No.10001	through	12900
UVW-1600P (EK); Serial	No.10001	through	13780

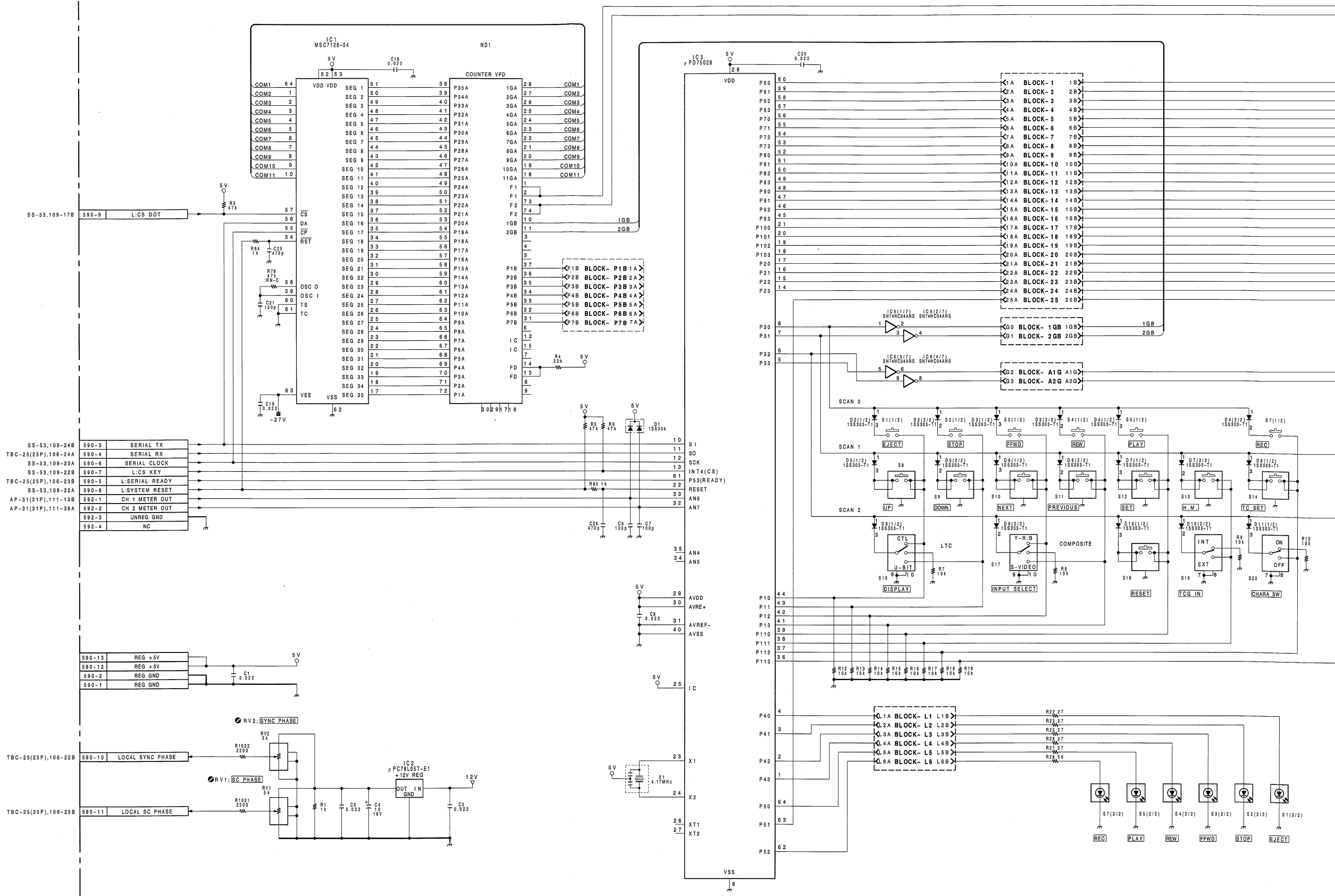
DR-214(2/2);CTL REC/PB,DRUM PG/FG AMP.,CAPSTAN FG AMP.,TENSION AMP.,TAPE TOP/END DETECT



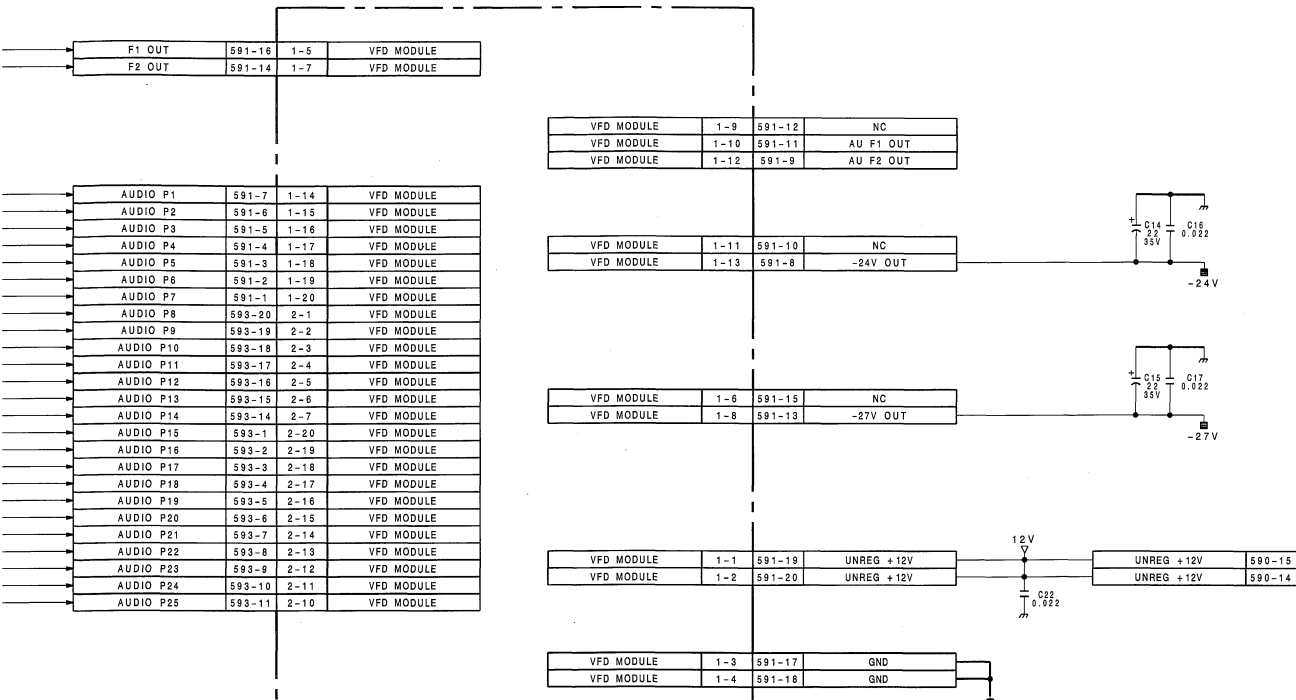


BOARD NO.1-648-908-11
UVW-1800 (J);#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P (EK);#10001-14140
UVW-1600 (J);#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P (EK);#10001-13780

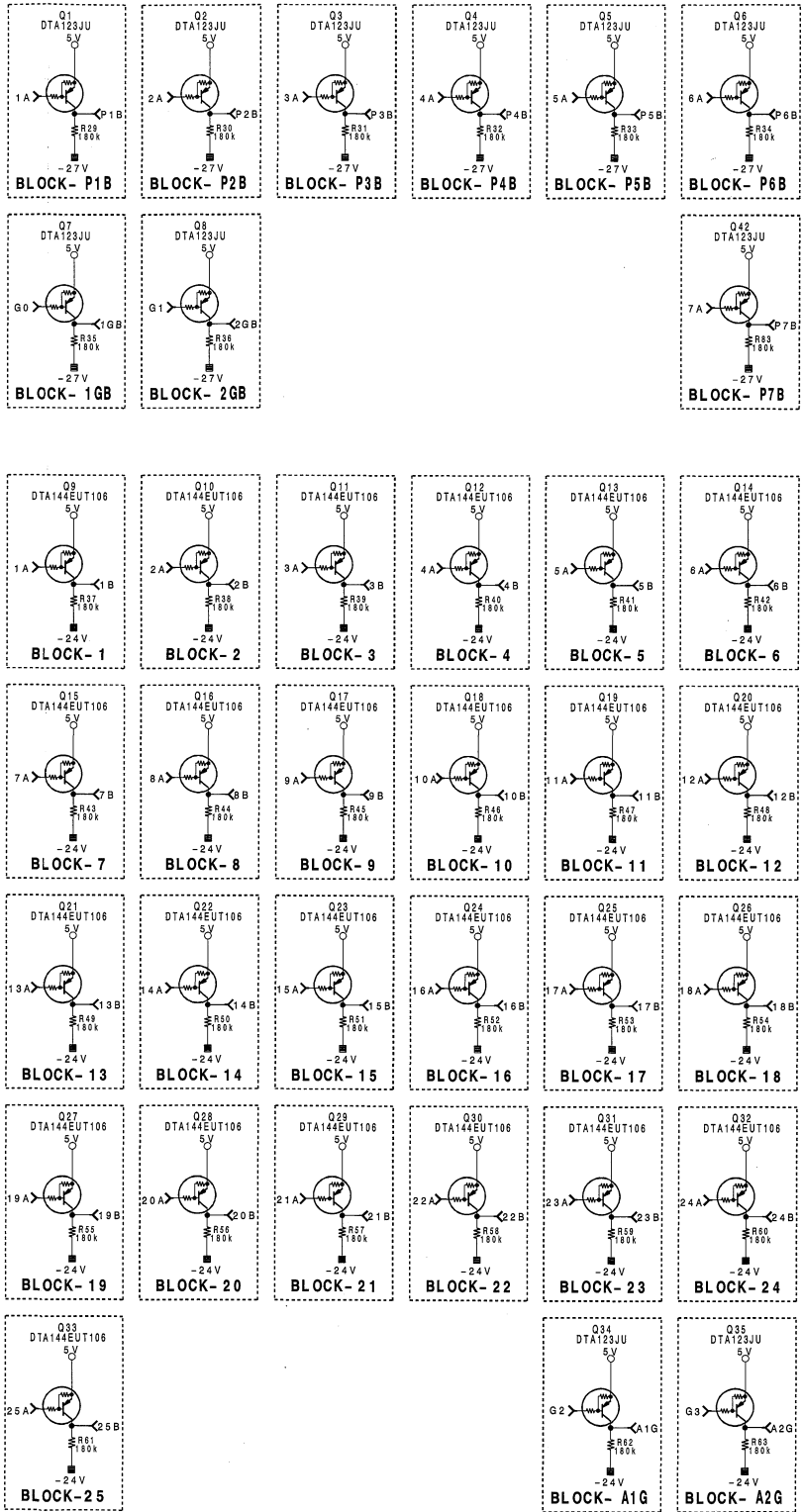
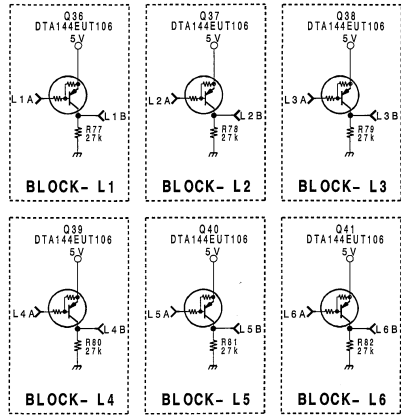
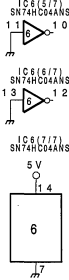
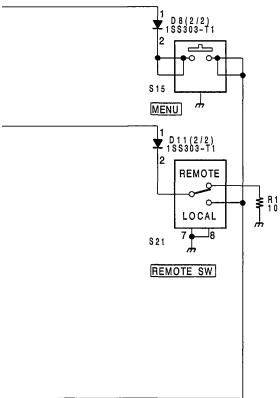
KY-249;FUNCTION KEY



KY-249(1-648-914-11)



AUDIO LEVEL METER
1-810-374-11



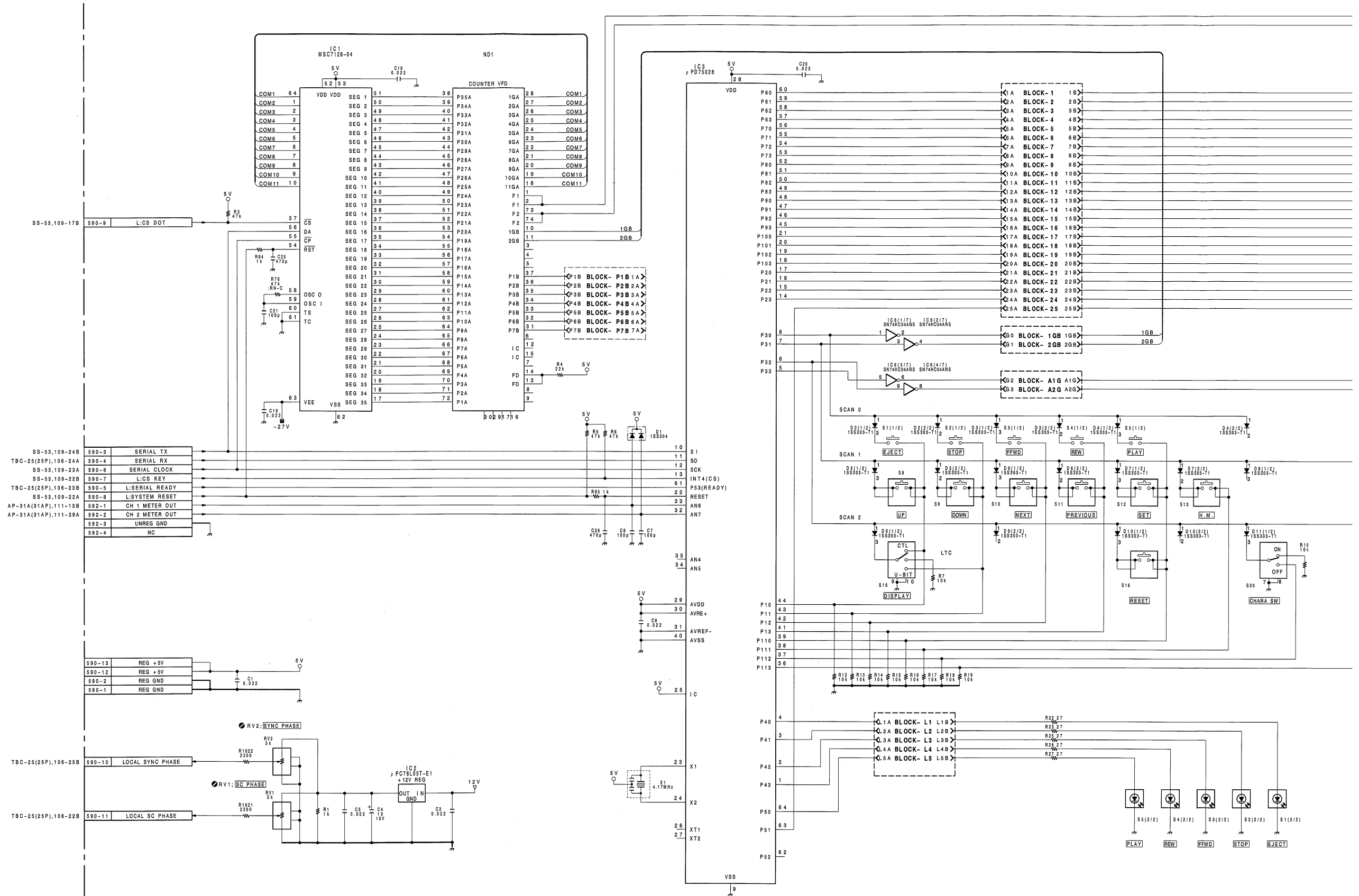
CN590	M-3	S8	H-2
CN591	D-1	S9	H-3
CN592	N-3	S10	H-3
CN593	B-1	S11	G-3
		S12	J-3
*D1	N-2	S13	G-3
*D2	K-1	S14	G-3
*D3	K-1	S15	G-2
*D4	K-1	S16	E-2
*D5	J-2	S17	F-2
*D6	J-2	S18	J-3
*D7	H-2	S19	E-3
*D8	H-2	S20	F-3
*D9	H-3	S21	E-2
*D10	J-3		
*D11	J-3	X1	N-2
IC1	L-3		
IC2	E-2		
IC3	M-2		
IC6	M-3		
ND1	E-2		
*Q1	D-3		
*Q2	D-3		
*Q3	D-2		
*Q4	D-2		
*Q5	D-2		
*Q6	D-2		
*Q7	B-2		
*Q8	C-2		
*Q9	D-1		
*Q10	D-1		
*Q11	D-1		
*Q12	D-1		
*Q13	D-1		
*Q14	D-1		
*Q15	E-1		
*Q16	A-1		
*Q17	B-1		
*Q18	B-1		
*Q19	B-1		
*Q20	B-1		
*Q21	B-1		
*Q22	B-1		
*Q23	D-1		
*Q24	D-1		
*Q25	C-1		
*Q26	C-1		
*Q27	C-1		
*Q28	C-1		
*Q29	C-1		
*Q30	C-1		
*Q31	C-1		
*Q32	C-1		
*Q33	B-1		
*Q34	B-1		
*Q35	B-1		
*Q36	N-1		
*Q37	M-1		
*Q38	M-1		
*Q39	N-1		
*Q40	M-1		
*Q41	M-1		
*Q42	D-2		
RV1	E-3		
RV2	D-3		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S7	P-1		

* : B SIDE

KY-249 BOARD

BOARD NO.1-648-914-11
UVW-1800 (J);#10001-
UVW-1800 (UC);#10001-
UVW-1800P(EK);#10001-

KY-249A;FUNCTION KEY



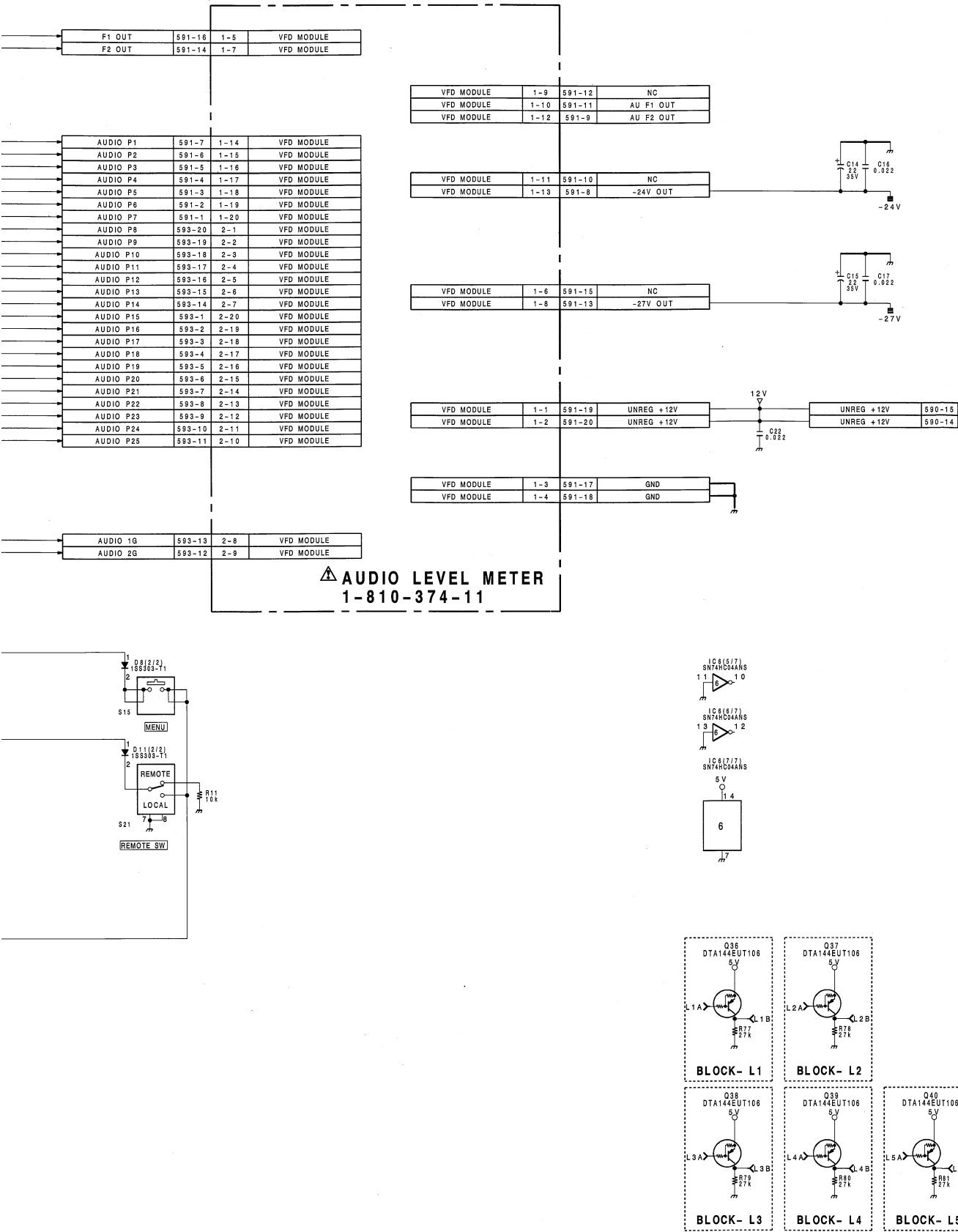
KY-249A(1-648-914-21)

CN590	M-3	S10	H-3
CN591	D-1	S11	G-3
CN592	N-3	S12	J-3
CN593	B-1	S13	G-3
		S15	G-2
*D1	N-2	S16	E-2
*D2	K-1	S18	J-3
*D3	K-1	S20	F-3
*D4	K-1	S21	E-2
*D5	J-2		
*D6	J-2	X1	N-2
*D7	H-2		
*D8	H-2		
*D9	H-3		
*D10	J-3		
*D11	J-3		
IC1	L-3		
IC2	E-2		
IC3	M-2		
IC6	M-3		
ND1	E-2		
*Q1	D-3		
*Q2	D-3		
*Q3	D-2		
*Q4	D-2		
*Q5	D-2		
*Q6	D-2		
*Q7	B-2		
*Q8	C-2		
*Q9	D-1		
*Q10	D-1		
*Q11	D-1		
*Q12	D-1		
*Q13	D-1		
*Q14	D-1		
*Q15	E-1		
*Q16	A-1		
*Q17	B-1		
*Q18	B-1		
*Q19	B-1		
*Q20	B-1		
*Q21	B-1		
*Q22	B-1		
*Q23	D-1		
*Q24	D-1		
*Q25	C-1		
*Q26	C-1		
*Q27	C-1		
*Q28	C-1		
*Q29	C-1		
*Q30	C-1		
*Q31	C-1		
*Q32	C-1		
*Q33	B-1		
*Q34	B-1		
*Q35	B-1		
*Q36	N-1		
*Q37	M-1		
*Q38	M-1		
*Q39	N-1		
*Q40	M-1		
*Q42	D-2		
RV1	E-3		
RV2	D-3		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S8	H-2		
S9	H-3		

* : B SIDE

KY-249A BOARD

BOARD NO.1-648-914-21
UVW-1600 (J);#10001-
UVW-1600 (UC);#10001-
UVW-1600P(EK);#10001-



UVW-1800 (J) ; Serial No.10901 and higher
 UVW-1800 (UC) ; Serial No.13931 and higher
 UVW-1800P(EK) ; Serial No.14141 and higher
 UVW-1600 (J) ; Serial No.10601 and higher
 UVW-1600 (UC) ; Serial No.12901 and higher
 UVW-1600P(EK) ; Serial No.13781 and higher

MS-39/39A;CASSETTE INFORMATION,SOLENOID DRIVER,MECHA.CONTROL MPU,DATA STRAGE

MS-39/39A (1-648-909-11, 12)

CN350 L-5
 CN351 F-1
 CN352 F-1
 CN353 J-5
 CN354 B-3
 CN355 D-3
 CN356 B-1
 CN357 J-1
 CN358 C-3
 CN359 K-5
 CN360 F-5
 CN361 G-5
 CN362 B-2
 CN363 G-4
 CN364 K-2

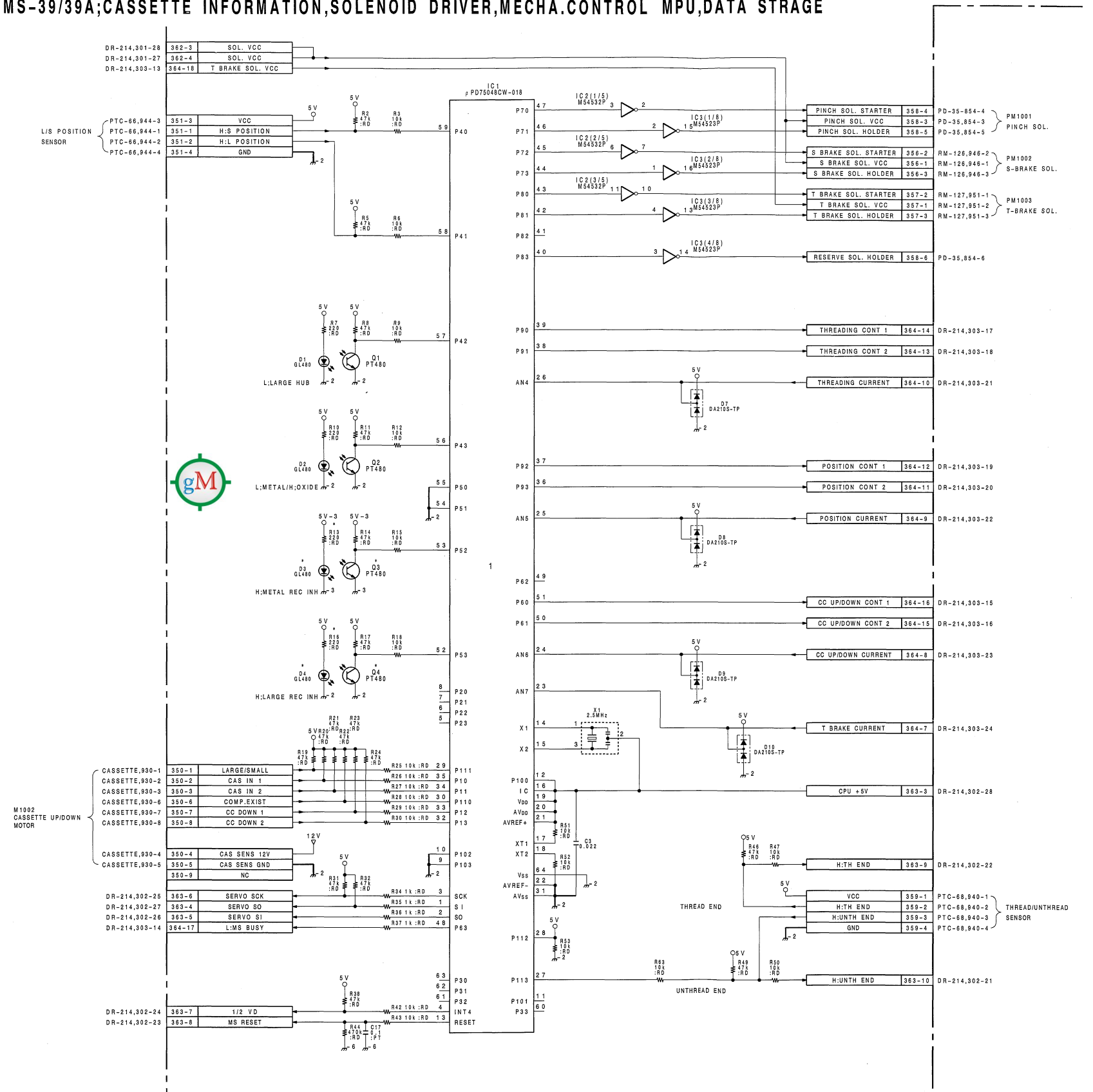
D1 F-2
 D2 F-2
 D3 B-2
 D4 M-2
 D7 K-1
 D8 K-1
 D9 K-1
 D10 L-1

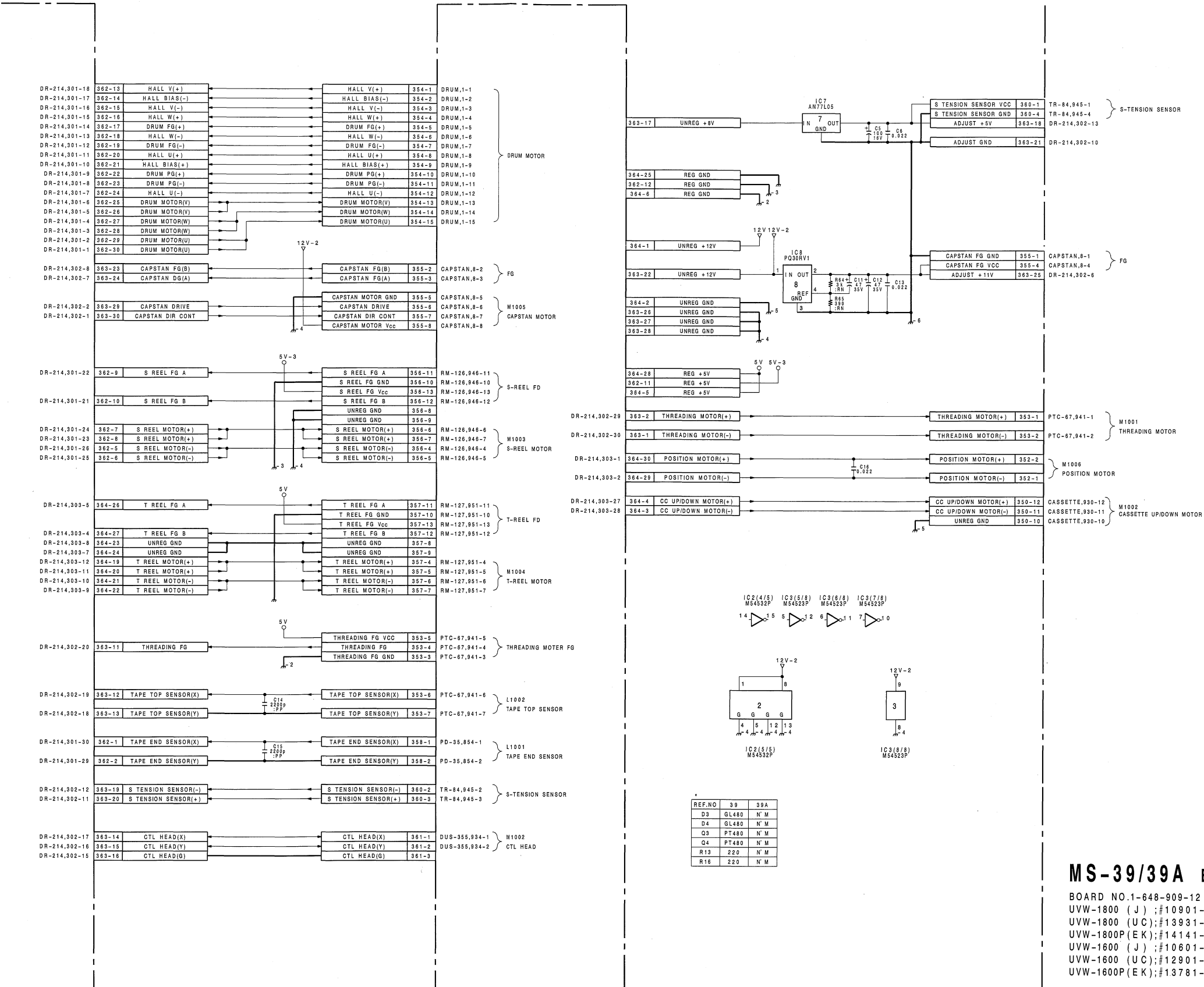
IC1 H-4
 IC2 E-3
 IC3 D-3
 IC7 G-4
 IC8 G-3

Q1 F-1
 Q2 F-1
 Q3 B-1
 Q4 M-1

X1 J-4

___ : UVW-1800/1800P ONLY





MS-39/39A BOARD

BOARD NO.1-648-909-12
UVW-1800 (J); #10901-
UVW-1800 (UC); #13931-
UVW-1800P (EK); #14141-
UVW-1600 (J); #10601-
UVW-1600 (UC); #12901-
UVW-1600P (EK); #13781-

UVW-1800 (J) ; Serial No.10001 through 10900
 UVW-1800 (UC); Serial No.10001 through 13930
 UVW-1800P(EK); Serial No.10001 through 14140
 UVW-1600 (J) ; Serial No.10001 through 10600
 UVW-1600 (UC); Serial No.10001 through 12900
 UVW-1600P(EK); Serial No.10001 through 13780

MS-39/39A;CASSETTE INFORMATION,SOLENOID DRIVER,MECHA.CONTROL MPU,DATA STRAGE

MS-39/39A (1-648-909-11, 12)

CN350 L-5
 CN351 F-1
 CN352 F-1
 CN353 J-5
 CN354 B-3
 CN355 D-3
 CN356 B-1
 CN357 J-1
 CN358 C-3
 CN359 K-5
 CN360 F-5
 CN361 G-5
 CN362 B-2
 CN363 G-4
 CN364 K-2

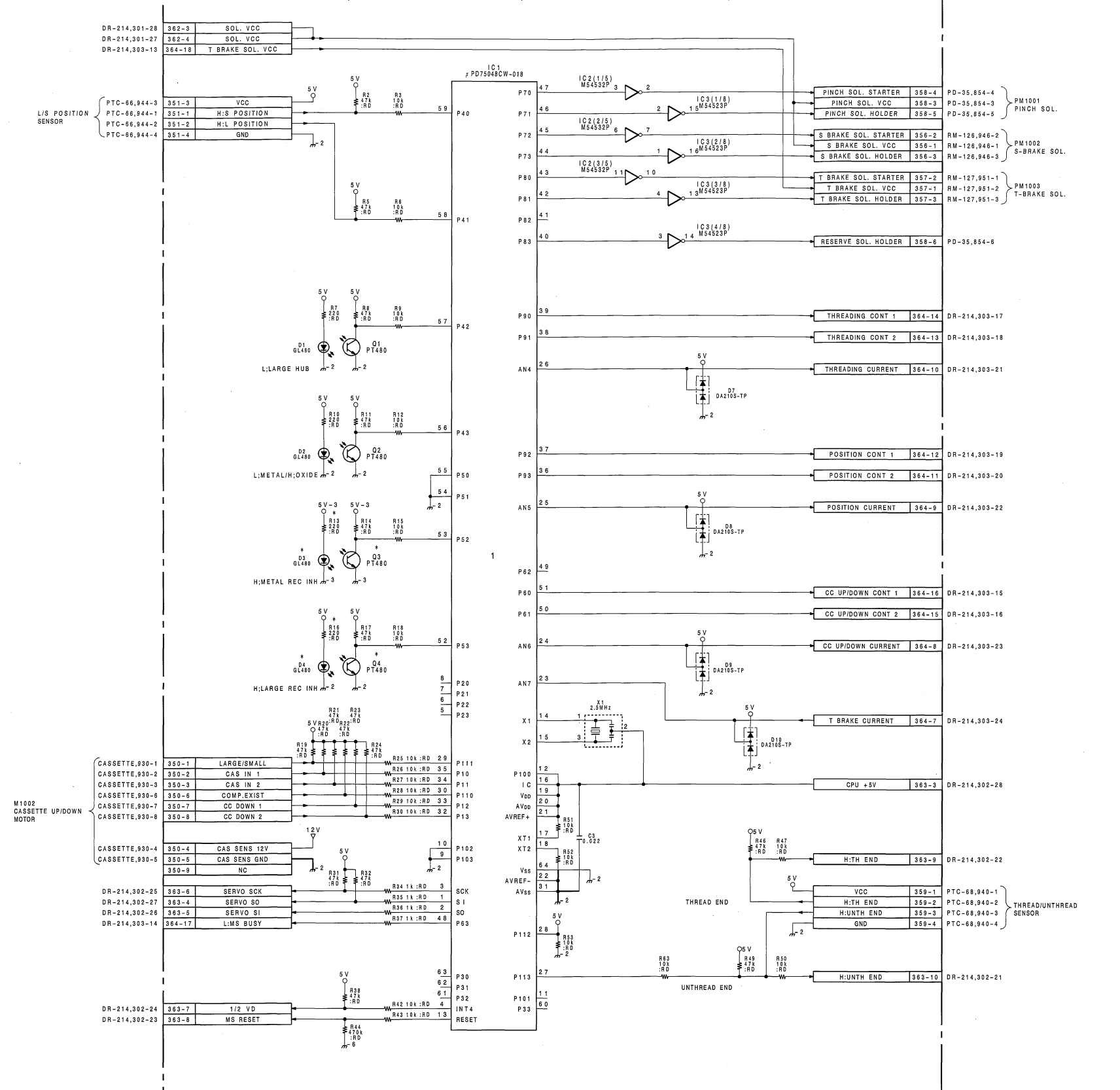
D1 F-2
 D2 F-2
 D3 B-2
 D4 M-2
 D7 K-1
 D8 K-1
 D9 K-1
 D10 L-1

IC1 H-4
 IC2 E-3
 IC3 D-3
 IC7 G-4
 IC8 G-3

Q1 F-1
 Q2 F-1
 Q3 B-1
 Q4 M-1

X1 J-4

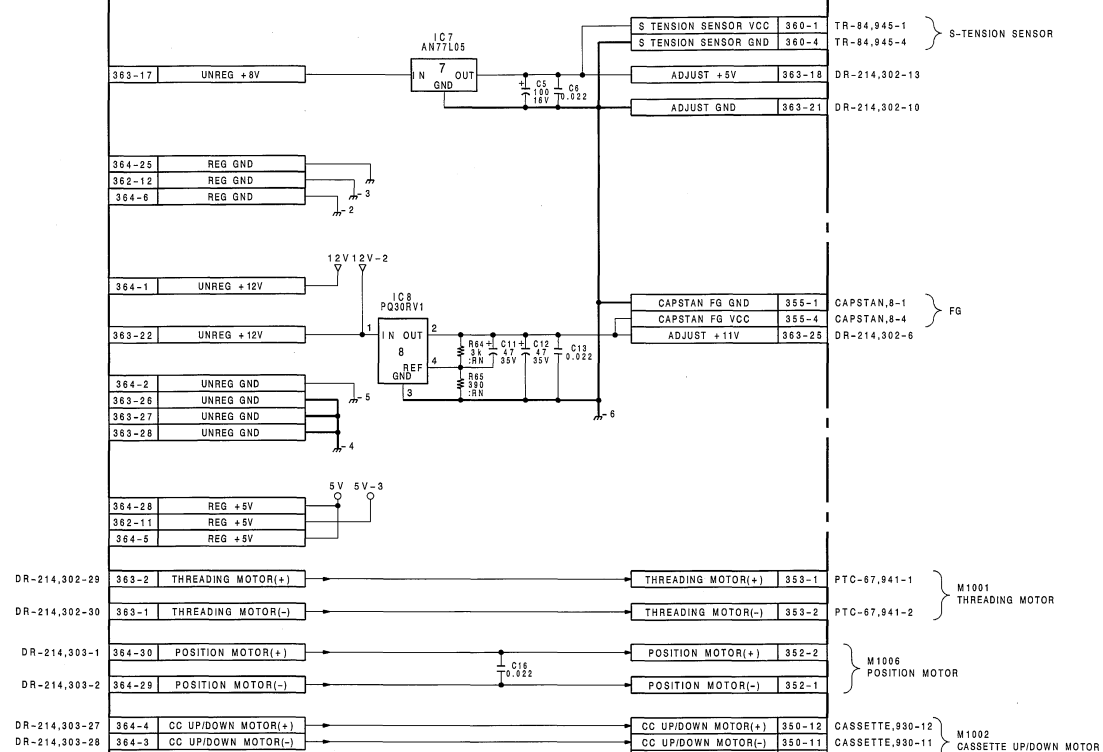
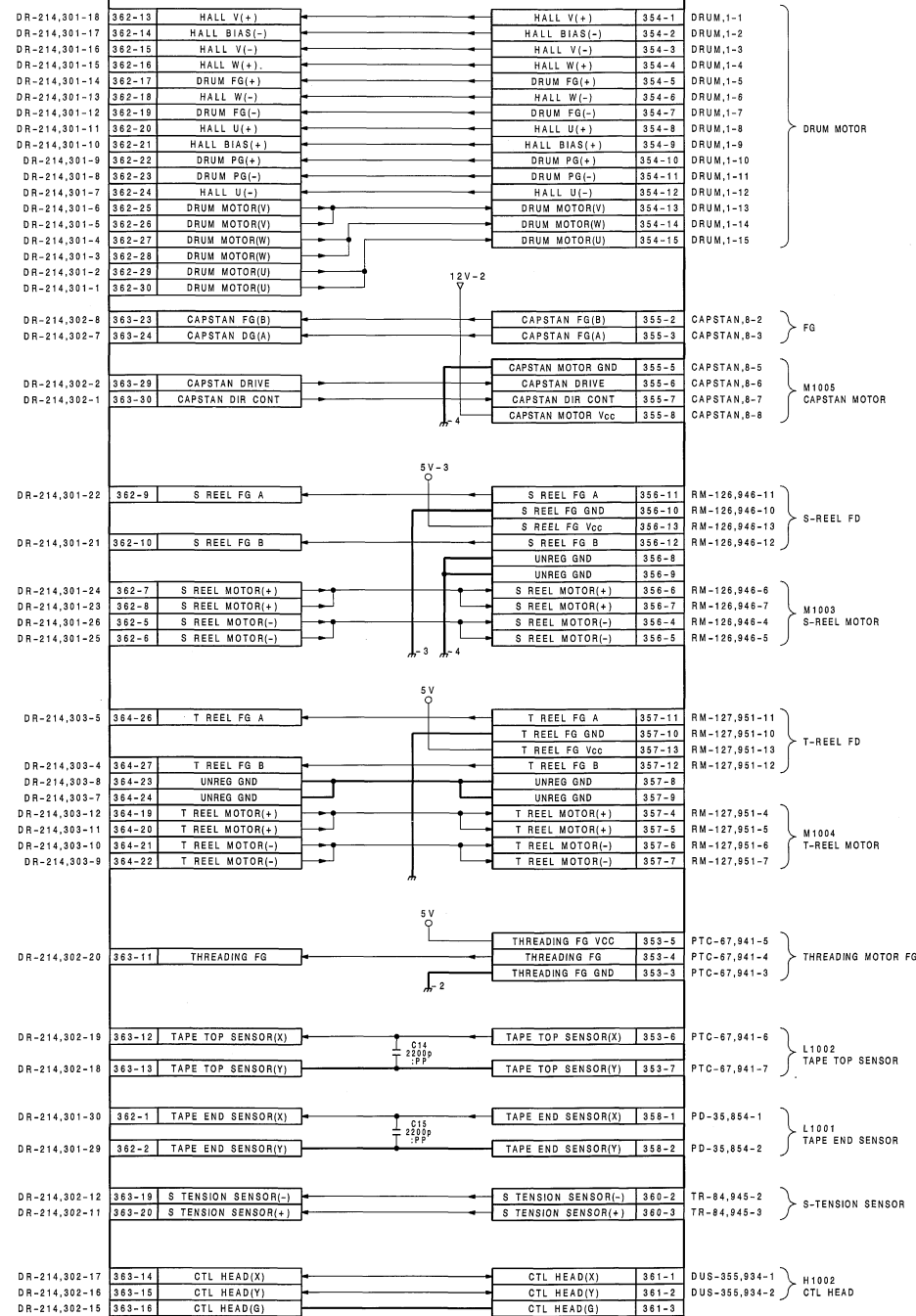
_: UVW-1800/1800P ONLY



16-64 (a)

16-65 (a1)

UVW-1800/1600
 UVW-1800P/1600P



REF.NO	39	39A
D3	GL480	N'M
D4	GL480	N'M
Q3	PT480	N'M
Q4	PT480	N'M
R13	220	N'M
R16	220	N'M

MS-39/39A BOARD

BOARD NO.1-648-909-11
UVW-1800 (J);#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140
UVW-1600 (J);#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P(EK);#10001-13780

RP-70 (1-648-904-11)

CN1	J-4	FS708	C-5	RV202	G-3
CN101	H-4	FS709	C-5	RV301	E-2
CN110	E-5	FS710	C-5	RV302	F-3
CN201	F-4	FS711	C-5		
CN301	E-4	FS712	D-5	S1	J-3
		FS713	E-5	S101	H-3
*D701	D-2	FS714	F-5	S201	F-3
*D702	D-5	FS715	G-5	S301	E-3
*D703	D-3	FS716	J-5		
*D704	D-4	FS717	D-1	TP1	J-1
		FS718	D-1	TP2	J-1
E1	J-1	FS719	D-1	TP3	J-3
E2	J-4	FS720	H-5	TP4	J-4
E201	F-1	FS721	G-5	TP103	H-3
E202	F-4	FS722	G-5	TP104	H-4
E601	B-1	FS723	D-1	TP201	G-1
		FS724	E-1	TP202	F-1
		FS725	H-5	TP203	F-3
FS2	J-1	FS726	H-5	TP204	F-4
FS3	J-2			TP303	E-3
FS4	J-2			TP304	E-4
FS5	J-3	IC1	J-2	TP601	B-1
FS6	J-4	IC2	J-4	TP602	C-1
FS7	J-4	IC101	H-2		
FS101	H-2	IC102	H-4		
FS102	H-2	IC201	F-2		
FS103	H-3	IC202	G-4		
FS104	H-4	IC301	E-2		
FS105	H-4	IC302	E-4		
FS106	H-1	*IC501	H-1		
FS201	F-1	*IC502	G-1		
FS202	G-2	*IC503	F-1		
FS203	F-2	*IC601	A-3		
FS204	F-3	*IC602	B-3		
FS205	G-4	*IC701	D-2		
FS206	F-4	IC702	D-1		
FS301	E-2	IC703	D-5		
FS302	E-2	IC704	D-4		
FS303	E-3	*IC705	D-3		
FS304	F-5	IC706	D-3		
FS305	E-4	IC707	D-4		
FS501	E-1	IC708	D-3		
FS503	F-1				
FS504	F-1	*Q1	J-1		
FS505	G-1	*Q2	J-2		
FS506	H-1	*Q3	J-2		
FS507	H-1	*Q102	H-2		
FS508	H-1	*Q103	H-2		
FS509	H-1	*Q201	F-1		
FS510	J-1	*Q202	F-2		
FS511	J-1	*Q203	F-2		
FS601	B-2	*Q302	E-2		
FS602	B-2	*Q303	E-2		
FS603	B-2	*Q501	H-1		
FS604	B-3	Q601	A-2		
FS605	B-3	Q602	A-3		
FS606	B-4	Q603	A-3		
FS607	B-4	Q604	A-3		
FS609	A-2	Q605	B-2		
FS610	A-3	Q606	B-3		
FS611	B-3	Q607	B-3		
FS612	B-4	Q608	B-3		
FS613	A-4	*Q609	B-2		
FS614	B-1	*Q610	B-2		
FS615	A-5	Q611	B-2		
FS616	B-5	*Q612	B-2		
FS617	C-5	*Q613	B-1		
FS618	C-5	*Q614	B-1		
FS619	B-5	*Q615	B-2		
FS620	B-5	*Q616	B-2		
FS701	D-2	*Q617	B-2		
FS702	D-3				
FS703	D-4	RV1	J-2		
FS704	D-4	RV2	J-3		
FS705	C-4	RV101	H-2		
FS706	D-4	RV102	H-3		
FS707	D-5	RV201	F-2		

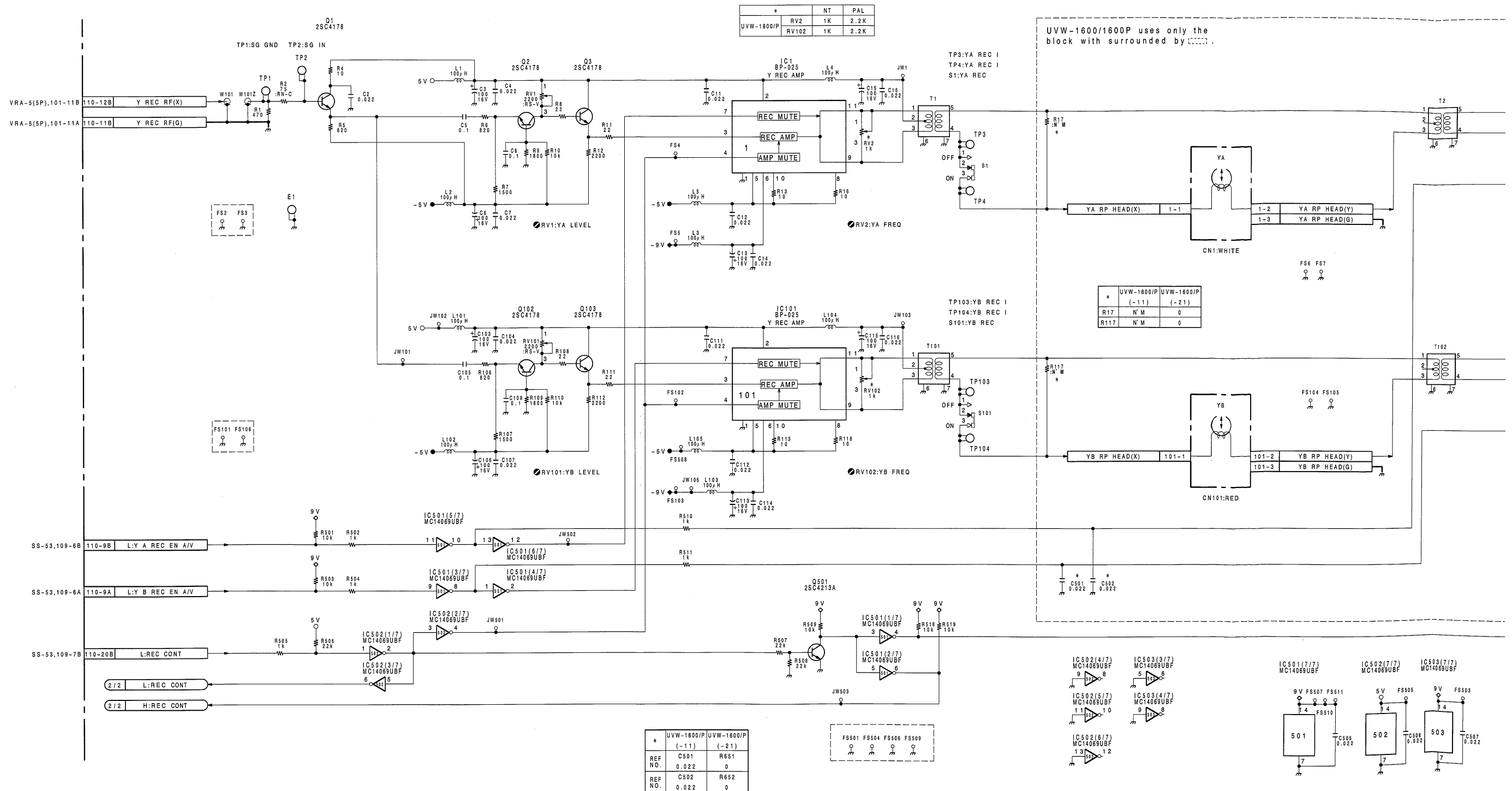
* : B SIDE

RP-70A (1-648-904-21)

CN1	J-4
CN101	H-4
CN110	E-5
CN201	F-4
CN301	E-4
*D702	D-5
E2	J-4
E202	F-4
FS2	J-1
FS3	J-2
FS6	J-4
FS7	J-4
FS101	H-2
FS104	H-4
FS105	H-4
FS106	H-1
FS201	F-1
FS202	G-2
FS203	F-2
FS204	F-3
FS205	G-4
FS206	F-4
FS301	E-2
FS302	E-2
FS303	E-3
FS304	F-5
FS305	E-4
FS501	E-1
FS503	F-1
FS504	F-1
FS505	G-1
FS506	H-1
FS507	H-1
FS508	H-1
FS509	H-1
FS510	J-1
FS511	J-1
FS601	B-2
FS602	B-2
FS603	B-2
FS604	B-3
FS605	B-3
FS606	B-4
FS607	B-4
FS609	A-2
FS610	A-3
FS611	B-3
FS612	B-4
FS613	A-4
FS614	B-1
FS615	A-5
FS616	B-5
FS617	C-5
FS618	C-5
FS619	B-5
FS620	B-5
FS701	D-2
FS702	D-3
FS703	D-4
FS704	D-4
FS705	C-4
FS706	D-4
FS707	D-5
FS709	C-5
FS710	C-5
FS716	J-5
FS720	H-5
FS721	G-5
FS722	G-5
FS723	D-1
FS725	H-5
FS726	H-5
IC2	J-4
IC102	H-4
IC202	G-4
IC302	E-4
IC703	D-5
IC704	D-4

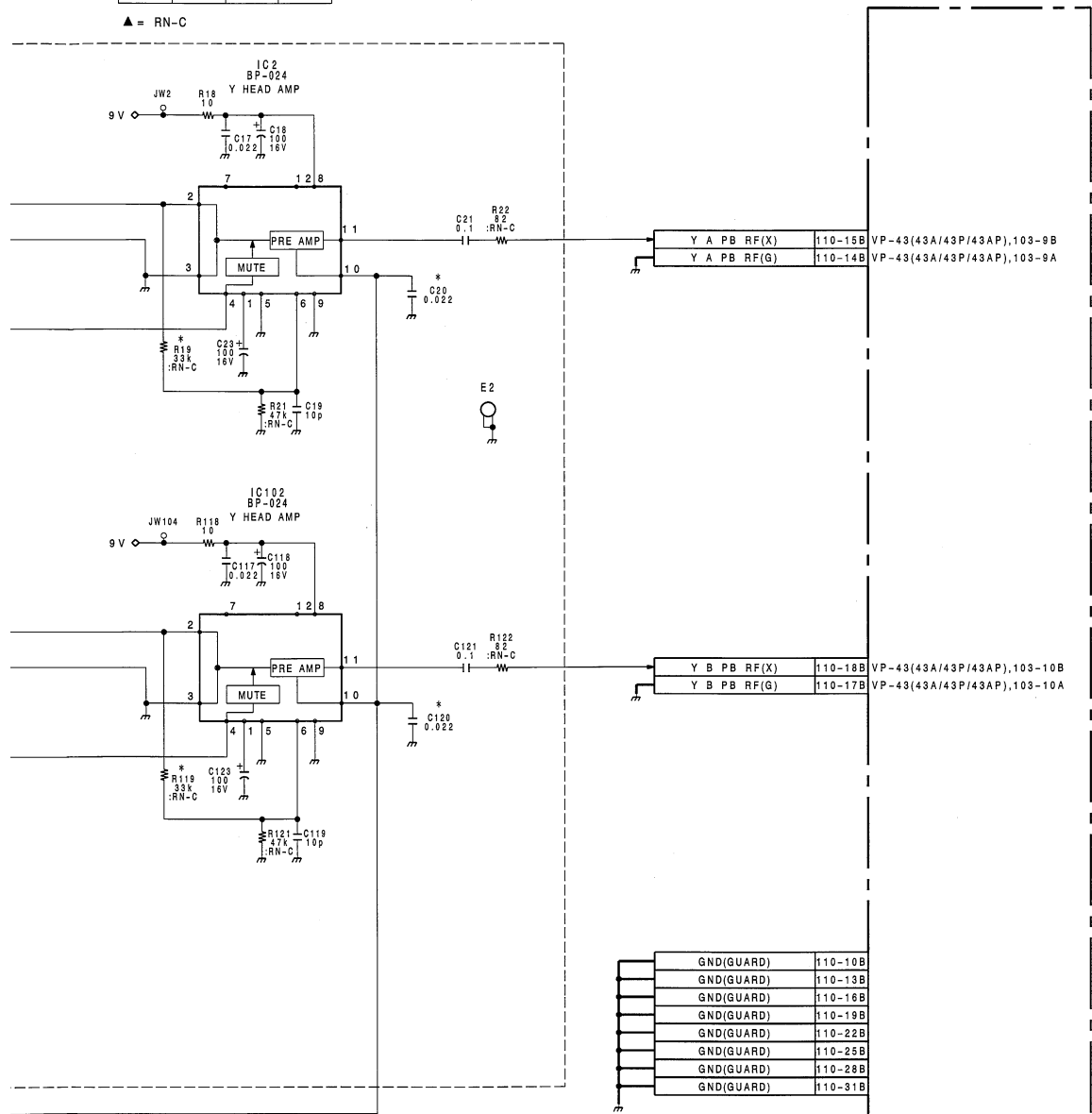
* : B SIDE

RP-70/70P(1/2) ;Y RF REC/PB
RP-70A/70AP(1/2);Y RF PB

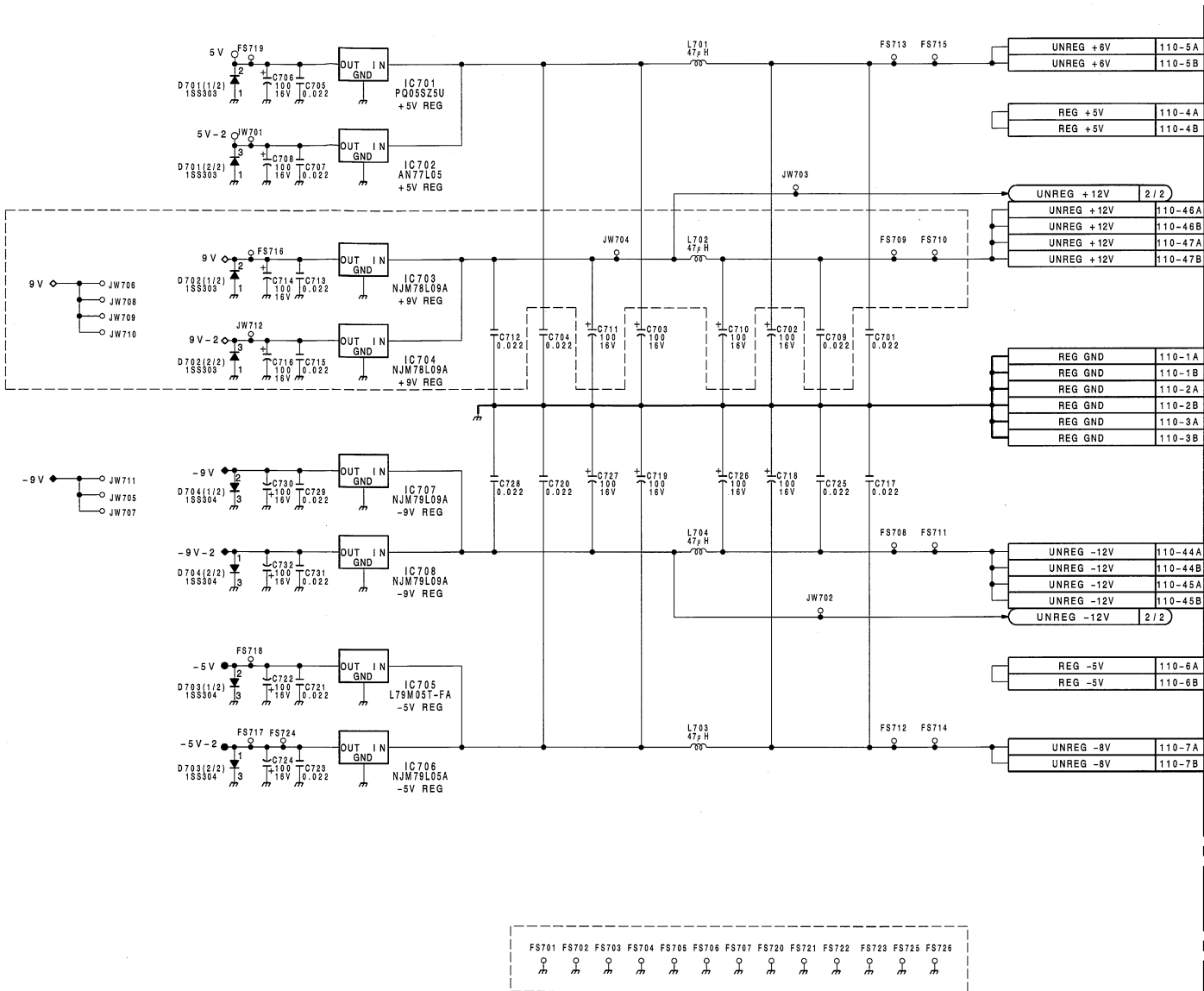


*	70N	70P	70AP
R19	▲33K	▲82K	▲47K
R119	▲33K	▲82K	▲47K

▲ = RN-C



*	UVW-1800/P (-11)	UVW-1600/P (-21)
REF NO.	C20 0.022	R655 0
REF NO.	C120 0.022	R656 0



RP-70/70A
RP-70P/70AP BOARD (1/2)

BOARD NO.1-648-904-11,21
UVW-1800/1600 (J);#10001-
UVW-1800/1600 (UC);#10001-
UVW-1800P/1600P(EK);#10001-

RP-70 (1-648-904-11)

CN1	J-4	FS708	C-5	RV202	G-3
CN101	H-4	FS709	C-5	RV301	E-2
CN110	E-5	FS710	C-5	RV302	F-3
CN201	F-4	FS711	C-5		
CN301	E-4	FS712	D-5	S1	J-3
		FS713	E-5	S101	H-3
*D701	D-2	FS714	F-5	S201	F-3
*D702	D-5	FS715	G-5	S301	E-3
*D703	D-3	FS716	J-5		
*D704	D-4	FS717	D-1	TP1	J-1
		FS718	D-1	TP2	J-1
E1	J-1	FS719	D-1	TP3	J-3
E2	J-4	FS720	H-5	TP4	J-4
E201	F-1	FS721	G-5	TP103	H-3
E202	F-4	FS722	G-5	TP104	H-4
E601	B-1	FS723	D-1	TP201	G-1
		FS724	E-1	TP202	F-1
		FS725	H-5	TP203	F-3
FS2	J-1	FS726	H-5	TP204	F-4
FS3	J-2			TP303	E-3
FS4	J-2			TP304	E-4
FS5	J-3	IC1	J-2	TP601	B-1
FS6	J-4	IC2	J-4	TP602	C-1
FS7	J-4	IC101	H-2		
FS101	H-2	IC102	H-4		
FS102	H-2	IC201	F-2		
FS103	H-3	IC202	G-4		
FS104	H-4	IC301	E-2		
FS105	H-4	IC302	E-4		
FS106	H-1	*IC501	H-1		
FS201	F-1	*IC502	G-1		
FS202	G-2	*IC503	F-1		
FS203	F-2	*IC601	A-3		
FS204	F-3	*IC602	B-3		
FS205	G-4	*IC701	D-2		
FS206	F-4	IC702	D-1		
FS301	E-2	IC703	D-5		
FS302	E-2	IC704	D-4		
FS303	E-3	*IC705	D-3		
FS304	F-5	IC706	D-3		
FS305	E-4	IC707	D-4		
FS501	E-1	IC708	D-3		
FS503	F-1				
FS504	F-1	*Q1	J-1		
FS505	G-1	*Q2	J-2		
FS506	H-1	*Q3	J-2		
FS507	H-1	*Q102	H-2		
FS508	H-1	*Q103	H-2		
FS509	H-1	*Q201	F-1		
FS510	J-1	*Q202	F-2		
FS511	J-1	*Q203	F-2		
FS601	B-2	*Q302	E-2		
FS602	B-2	*Q303	E-2		
FS603	B-2	*Q501	H-1		
FS604	B-3	Q601	A-2		
FS605	B-3	Q602	A-3		
FS606	B-4	Q603	A-3		
FS607	B-4	Q604	A-3		
FS609	A-2	Q605	B-2		
FS610	A-3	Q606	B-3		
FS611	B-3	Q607	B-3		
FS612	B-4	Q608	B-3		
FS613	A-4	*Q609	B-2		
FS614	B-1	*Q610	B-2		
FS615	A-5	Q611	B-2		
FS616	B-5	*Q612	B-2		
FS617	C-5	*Q613	B-1		
FS618	C-5	*Q614	B-1		
FS619	B-5	*Q615	B-2		
FS620	B-5	*Q616	B-2		
FS701	D-2	*Q617	B-2		
FS702	D-3				
FS703	D-4	RV1	J-2		
FS704	D-4	RV2	J-3		
FS705	C-4	RV101	H-2		
FS706	D-4	RV102	H-3		
FS707	D-5	RV201	F-2		

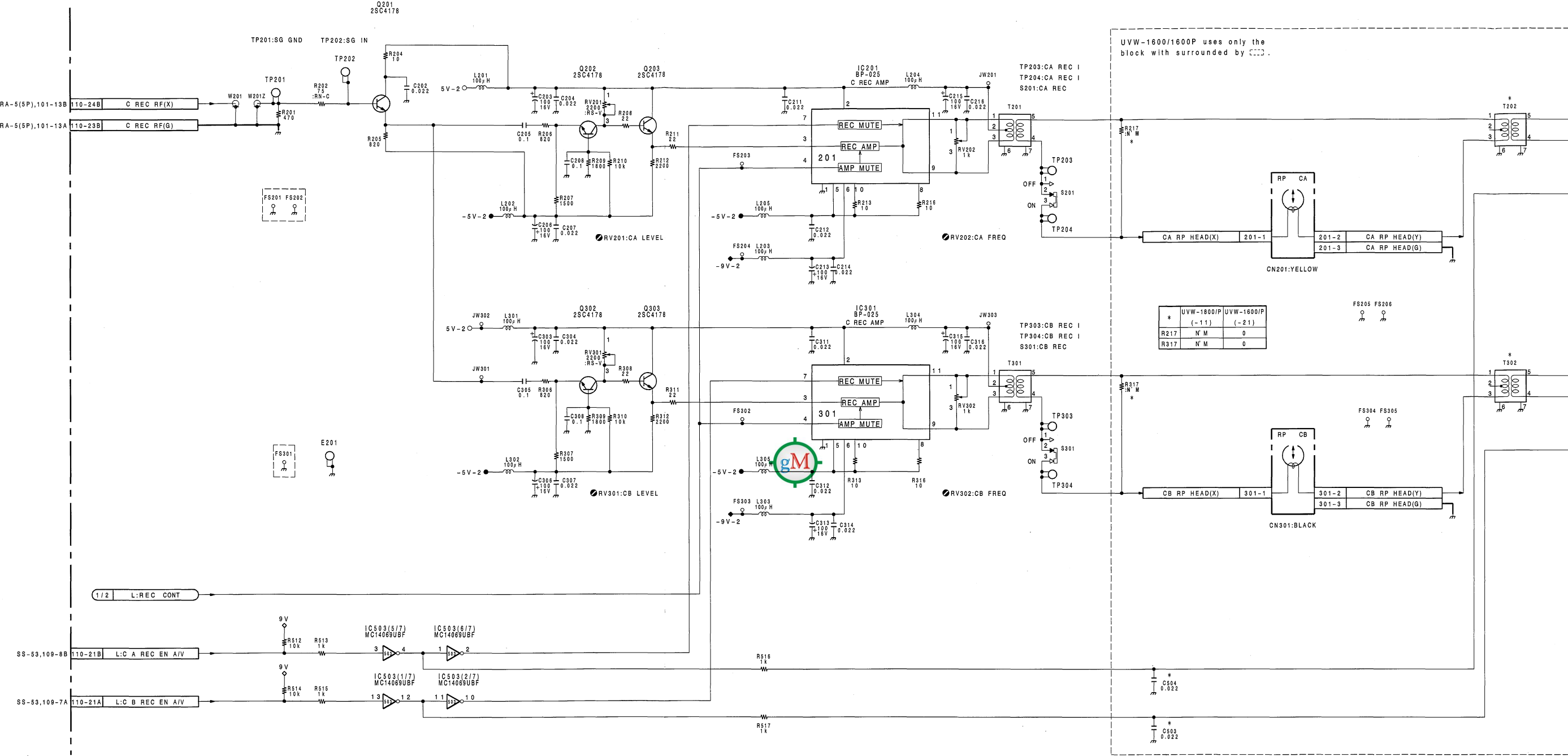
* : B SIDE

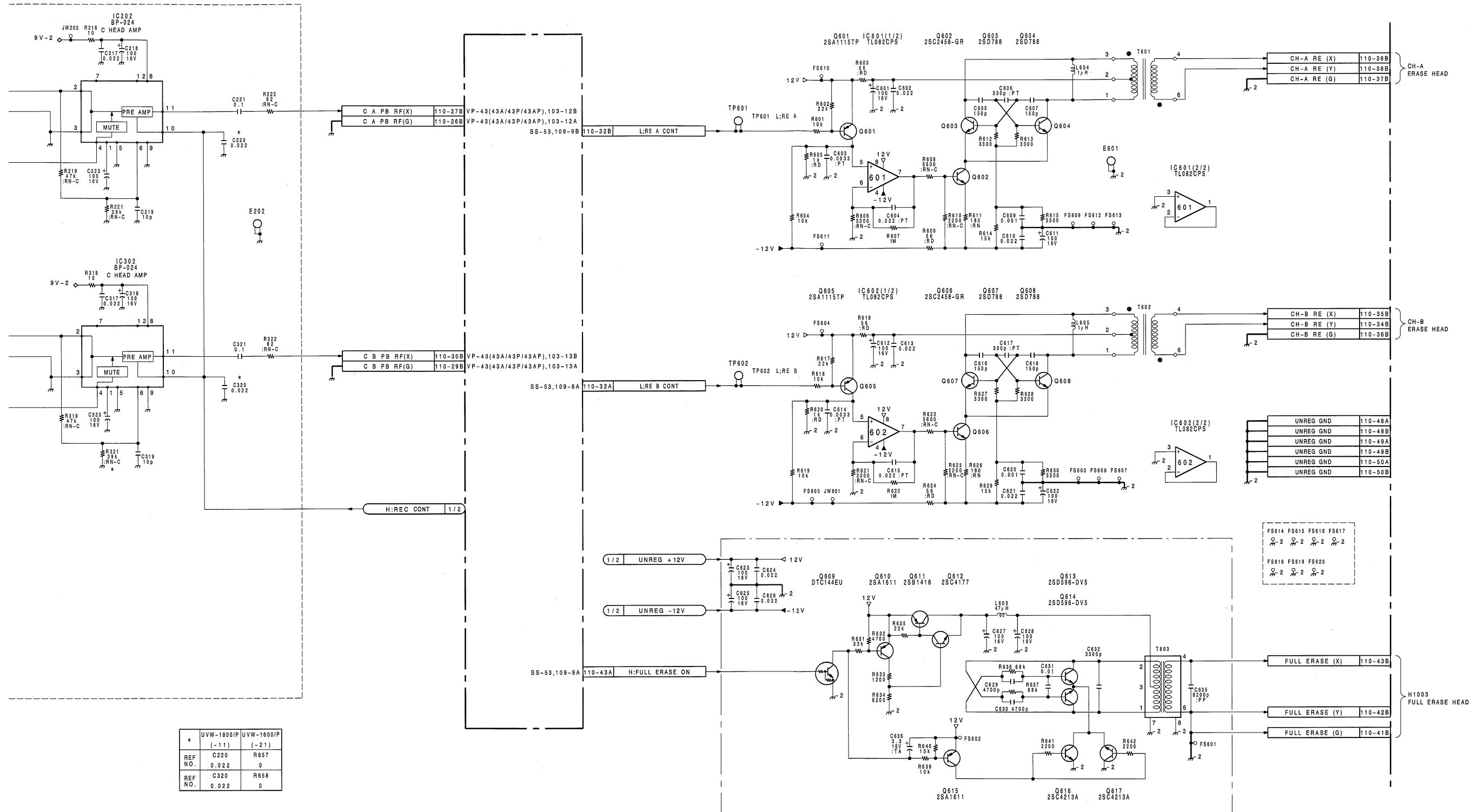
RP-70A (1-648-904-21)

CN1	J-4
CN101	H-4
CN110	E-5
CN201	F-4
CN301	E-4
*D702	D-5
E2	J-4
E202	F-4
FS2	J-1
FS3	J-2
FS6	J-4
FS7	J-4
FS101	H-2
FS104	H-4
FS105	H-4
FS106	H-1
FS201	F-1
FS202	G-2
FS205	G-4
FS206	F-4
FS301	E-2
FS304	F-5
FS305	E-4
FS501	E-1
FS503	F-1
FS504	F-1
FS506	H-1
FS509	H-1
FS614	B-1
FS615	A-5
FS616	B-5
FS617	C-5
FS618	C-5
FS619	B-5
FS620	B-5
FS701	D-2
FS702	D-3
FS703	D-4
FS704	D-4
FS705	C-4
FS706	D-4
FS707	D-5
FS709	C-5
FS710	C-5
FS716	J-5
FS720	H-5
FS721	G-5
FS722	G-5
FS723	D-1
FS725	H-5
FS726	H-5
IC2	J-4
IC102	H-4
IC202	G-4
IC302	E-4
IC703	D-5
IC704	D-4

* : B SIDE

RP-70/70P(2/2) ;C RF REC/PB,ROTARY/FULL ERASE OSC
RP-70A/70AP(2/2);C RF PB





RP-70/70A RP-70P/70AP BOARD (2/2)

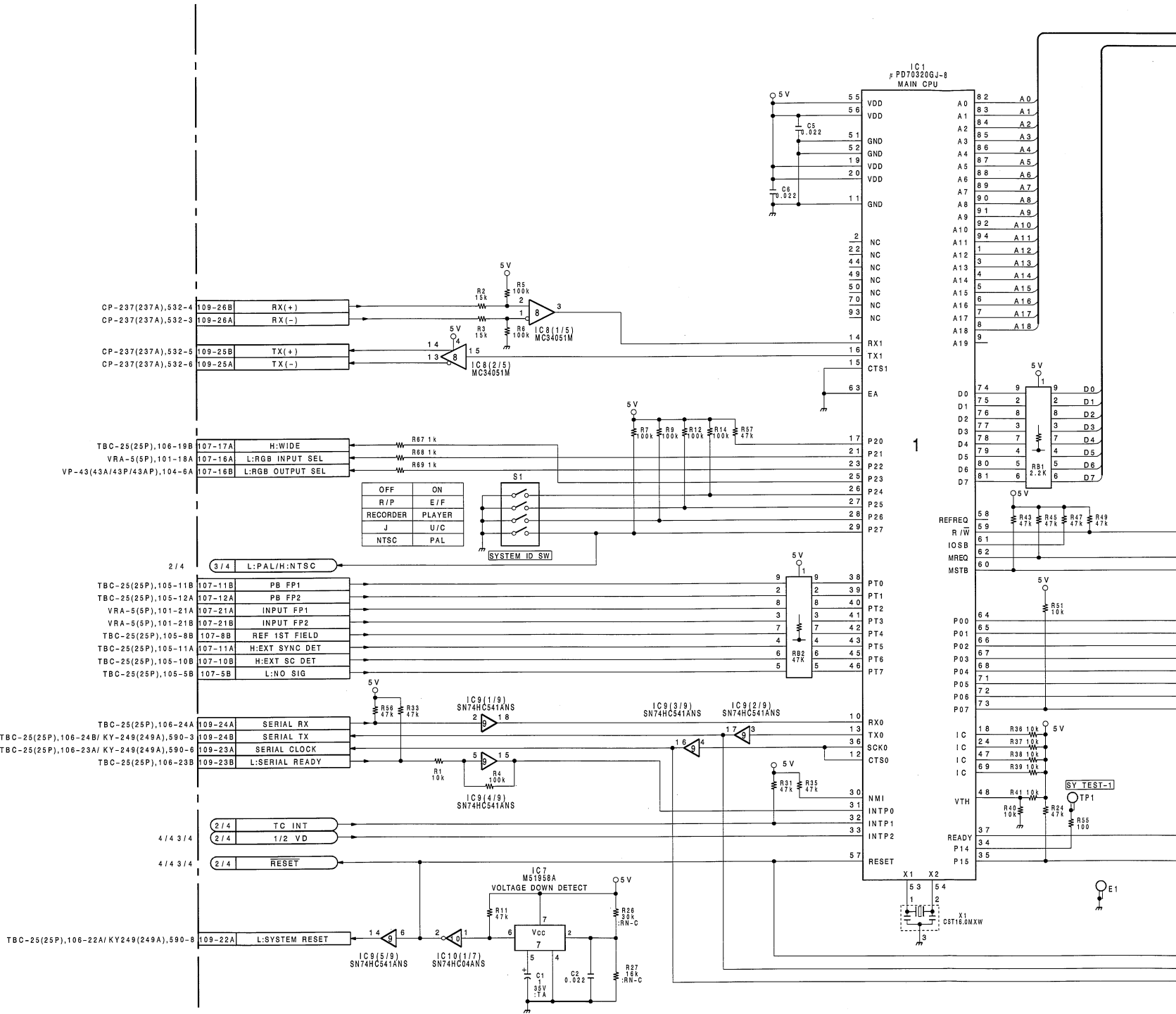
BOARD NO.1-648-904-11,21
 UVW-1800/1600 (J);#10001-
 UVW-1800/1600 (UC);#10001-
 UVW-1800P/1600P(EK);#10001-

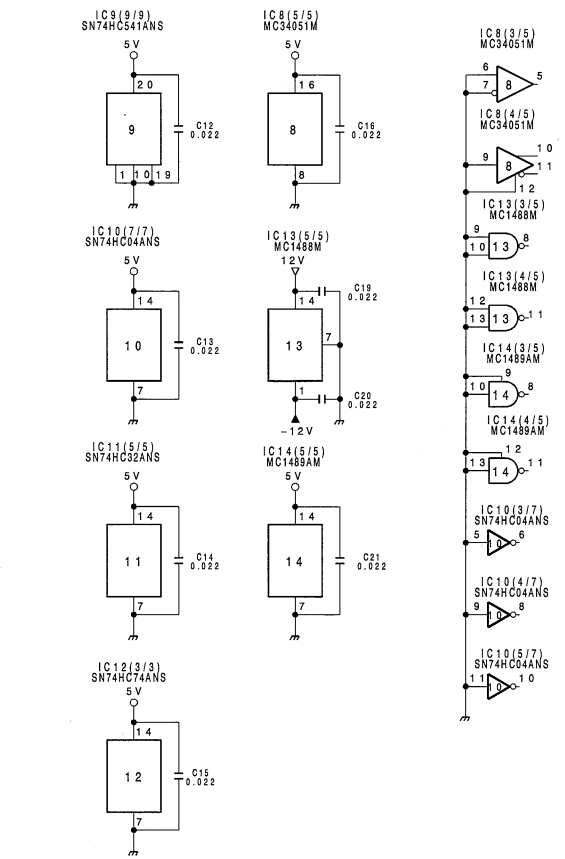
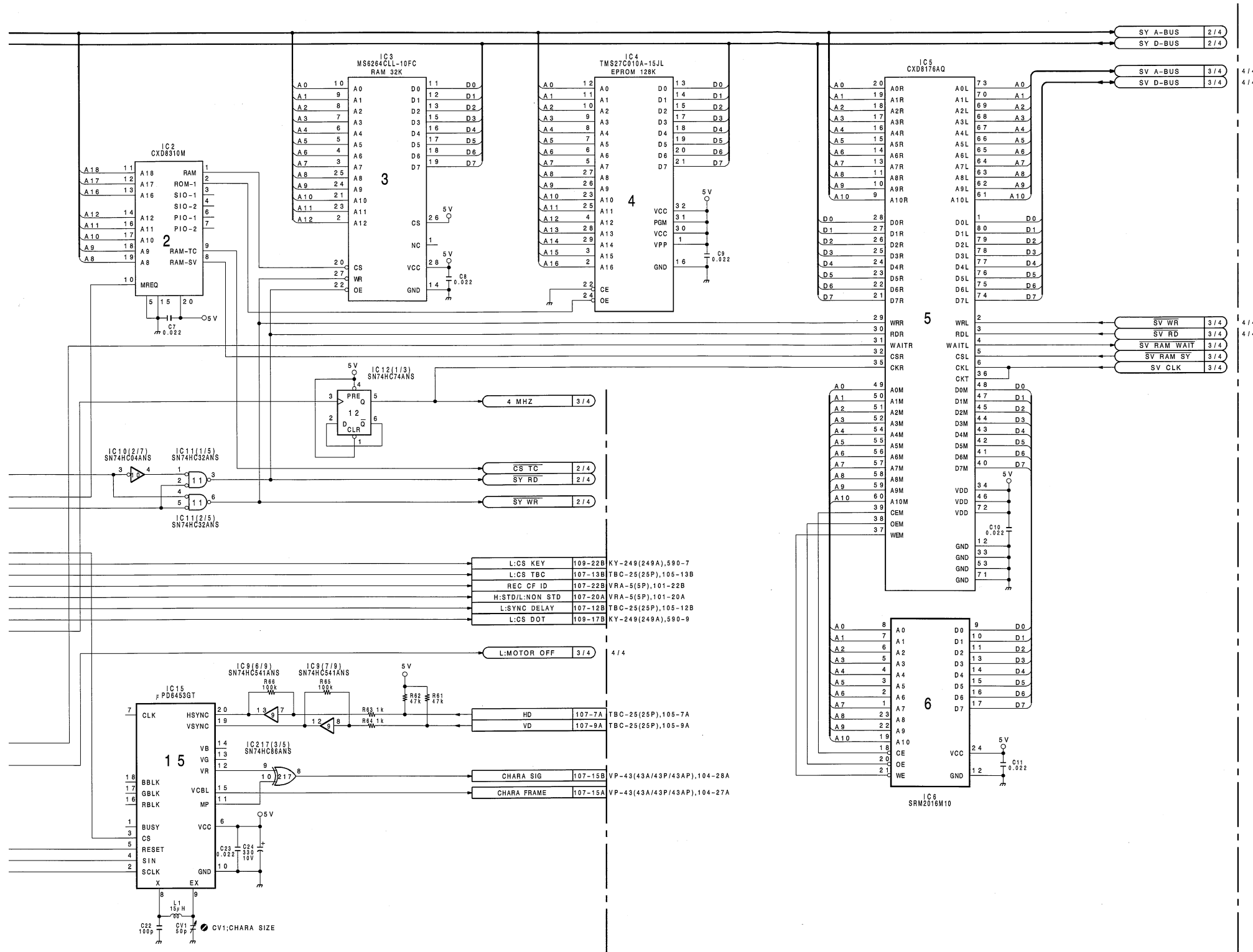
SS-53(1/4);SYSCON MAIN

SS-53(1-648-903-11)

CNI4	K-3	IC223	J-4
CNI212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
		IC233	M-3
CV1	N-1		
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	R-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

* : B SIDE





SS-53 BOARD (1/4)

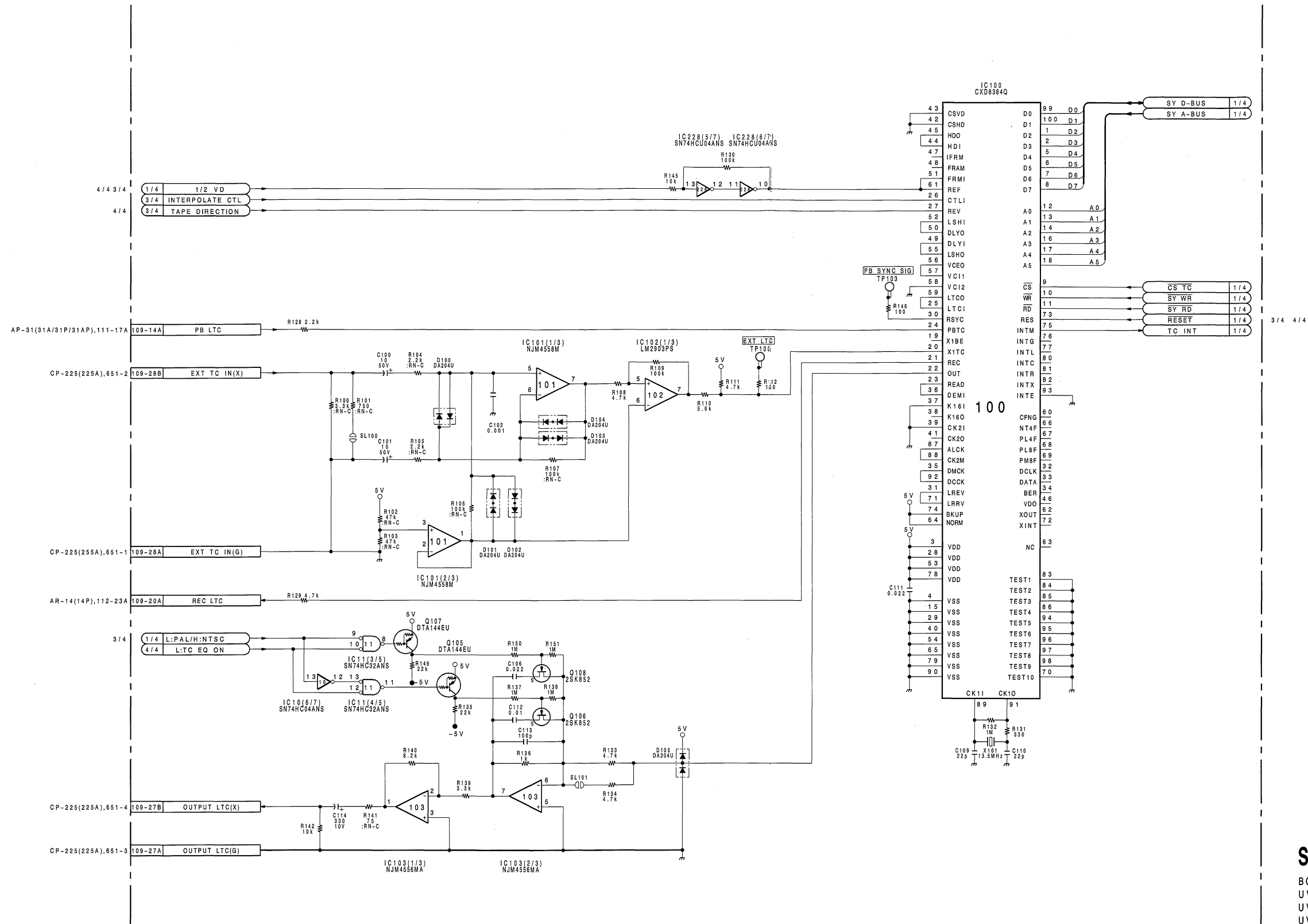
BOARD NO.1-648-903-11
 UVW-1800/1600 (J);#10001-
 UVW-1800/1600 (UC);#10001-
 UVW-1800P/1600P(EK);#10001-

SS-53(1-648-903-11)

CNI4	K-3	IC223	J-4
CNI212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
CV1	N-1	IC233	M-3
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	R-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

* : B SIDE

SS-53(2/4);TC GENERATOR/READER



SS-53 BOARD (2/4)

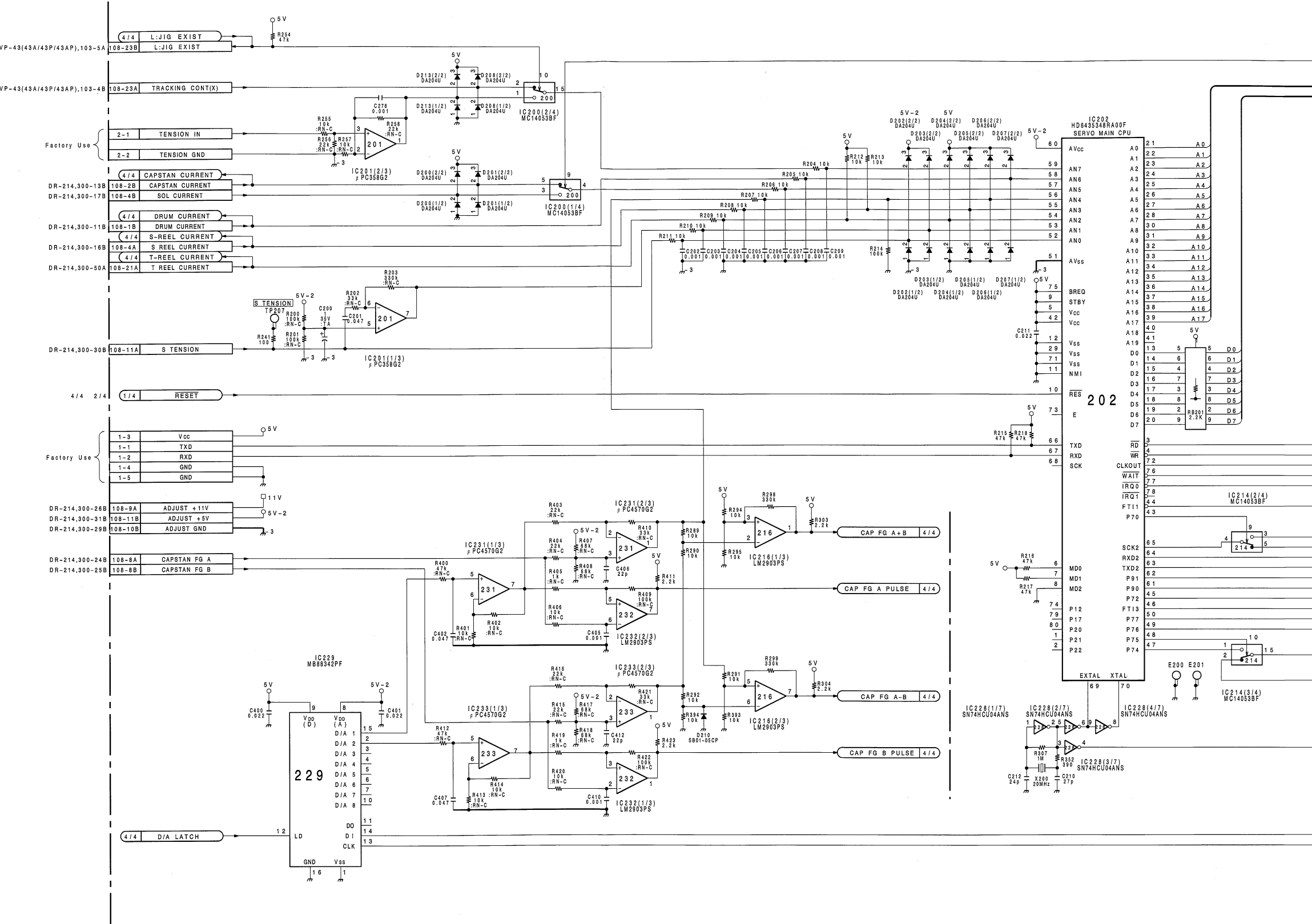
BOARD NO.1-648-903-11
UVW-1800/1600 (J);#10001-
UVW-1800/1600 (UC);#10001-
UVW-1800P/1600P(EK);#10001-

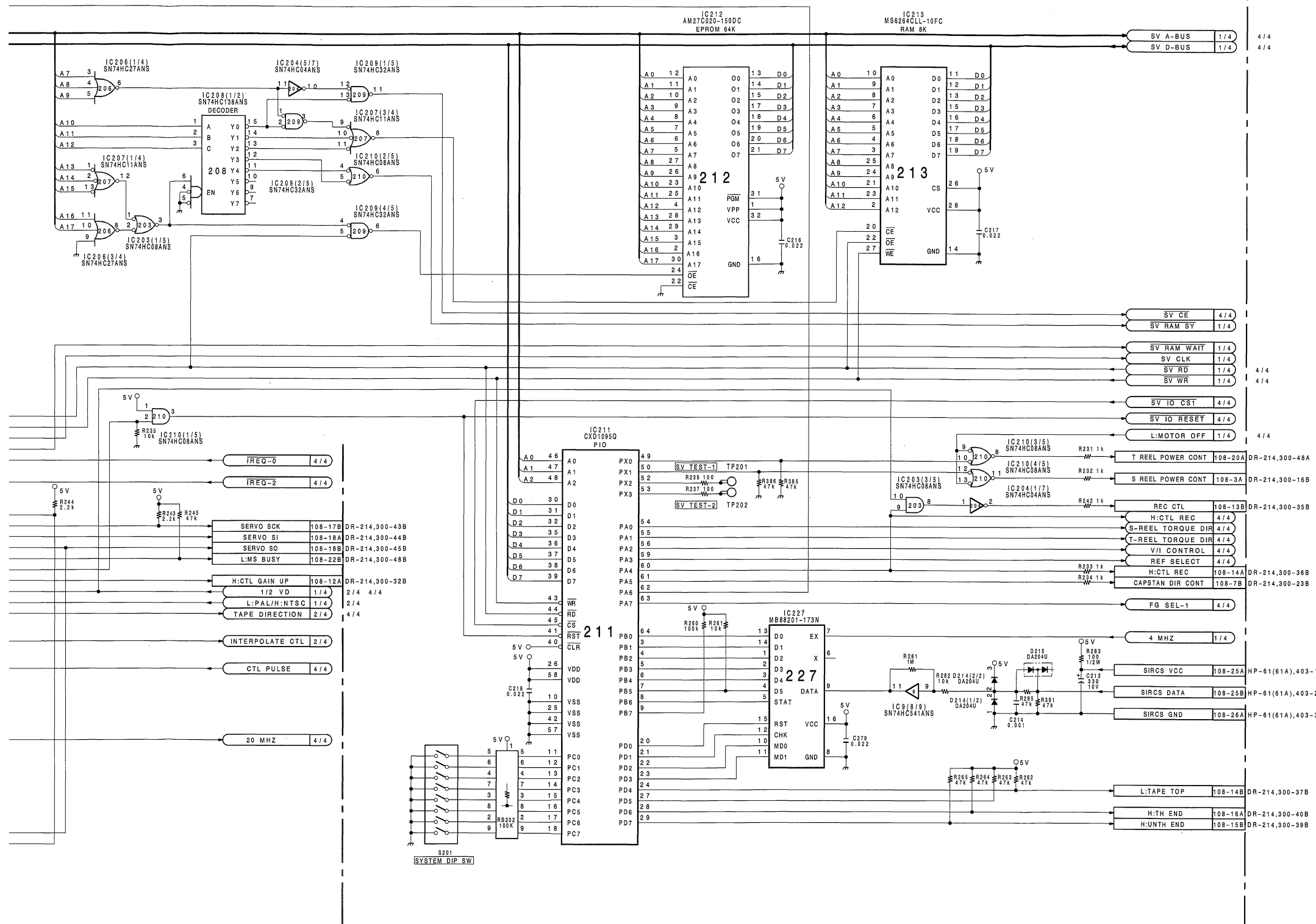
SS-53(1-648-903-11)

1	CNI4	K-3	IC223	J-4
	CNI212	C-2	IC224	J-3
			IC225	J-3
	CN1	E-1	IC226	C-4
	CN2	F-1	IC227	A-2
2	CN3	P-1	IC228	F-2
	CN107	N-6	IC229	L-3
	CN108	K-6	IC230	H-3
	CN109	C-6	IC231	L-3
			IC232	L-4
3	CV1	N-1	IC233	M-3
	*D100	A-5	PS1	L-5
	*D101	A-5	PS2	M-5
	*D102	A-5		
4	*D103	A-5	*Q105	B-5
	*D104	A-5	*Q106	B-5
	*D105	B-4	*Q107	B-4
	*D200	E-3	*Q108	B-5
	*D201	E-3	*Q204	D-5
5	*D202	E-3	*Q205	D-5
	*D203	E-3	*Q206	D-5
	*D204	E-3	*Q207	D-5
	*D205	E-2	*Q208	D-5
	*D206	F-3	*Q209	D-5
6	*D207	F-3	*Q210	J-3
	*D208	E-3	*Q211	J-3
	*D210	G-4		
	*D211	E-2	*RB1	P-3
	*D213	E-3	*RB2	R-2
7	*D214	J-6	*RB201	E-1
	*D215	J-5	*RB202	B-1
			*RB203	K-4
	E1	N-1		
	E200	E-4	S1	R-4
8	E201	D-1	S201	B-1
	E202	J-1		
			TP1	R-2
	IC1	P-3	TP100	A-4
	IC2	N-3	TP103	B-4
9	IC3	N-3	TP201	A-2
	IC4	K-3	TP202	A-2
	IC5	L-1	TP203	D-1
	IC6	M-2	TP205	H-3
	IC7	R-1	TP206	G-3
10	IC8	R-5	TP207	F-4
	IC9	P-5	TP211	G-2
	IC10	R-2	TP216	H-2
	IC11	P-2	TP217	G-3
	IC12	N-2	TP219	D-1
11	IC15	N-2	TP223	H-2
	IC100	A-3	TP224	J-2
	IC101	A-5	TP225	C-1
	IC102	A-5		
	IC103	B-5	X1	R-2
12	IC200	E-3	X101	A-3
	IC201	F-4	X200	G-1
	IC202	E-2		
	IC203	E-3		
	IC204	D-4		
13	IC206	E-3		
	IC207	D-3		
	IC208	D-3		
	IC209	D-3		
	IC210	D-3		
14	IC211	B-2		
	IC212	C-2		
	IC213	C-3		
	IC214	E-3		
	IC215	G-3		
15	IC216	G-3		
	IC217	G-3		
	IC219	H-1		
	IC220	J-3		
	IC221	J-4		
16	IC222	J-3		

* : B SIDE

SS-53(3/4);SERVO MAIN





SS-53 BOARD (3/4)

BOARD NO.1-648-903-11
 UVW-1800/1600 (J);#10001-
 UVW-1800/1600 (UC);#10001-
 UVW-1800P/1600P(EK);#10001-

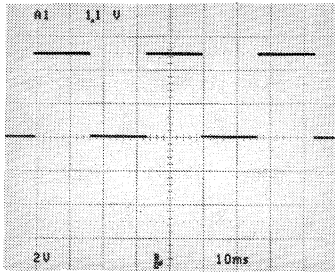
SS-53(1-648-903-11)

CNI4	K-3	IC223	J-4
CNI212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
CV1	N-1	IC233	M-3
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	R-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

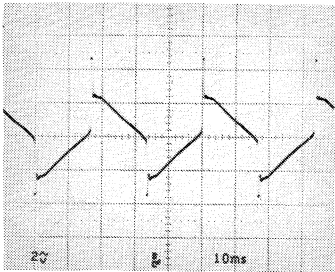
* : B SIDE

For J,UC

① TP219 EE/REC/PB

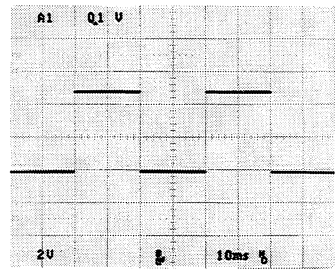


② TP225 PB

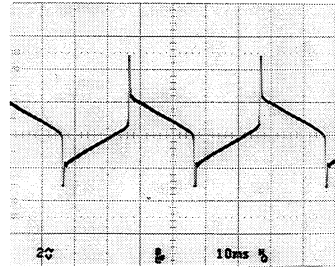


For EK

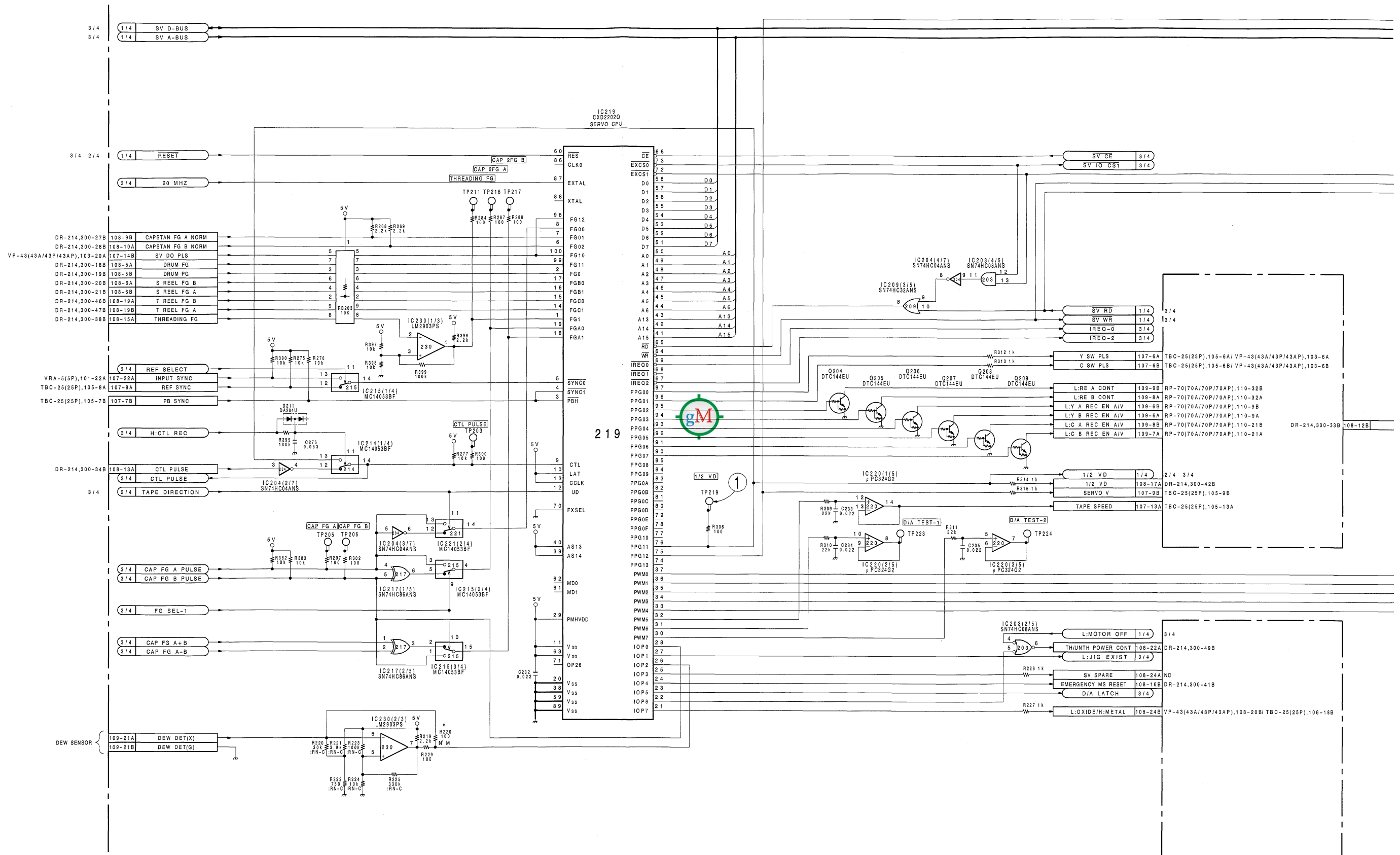
① TP219 EE/REC/PB

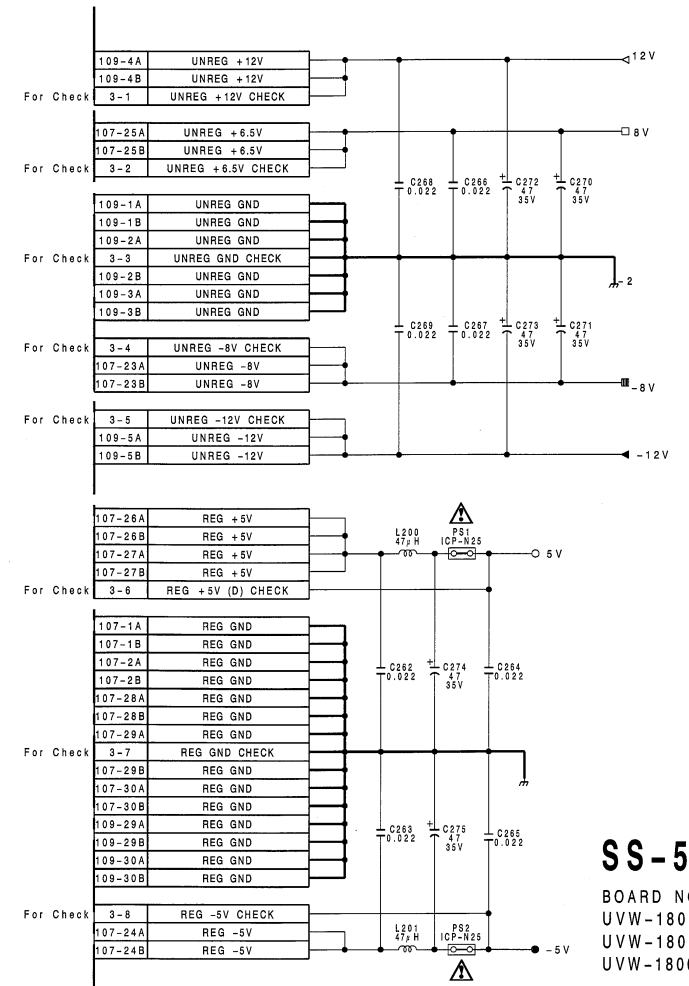
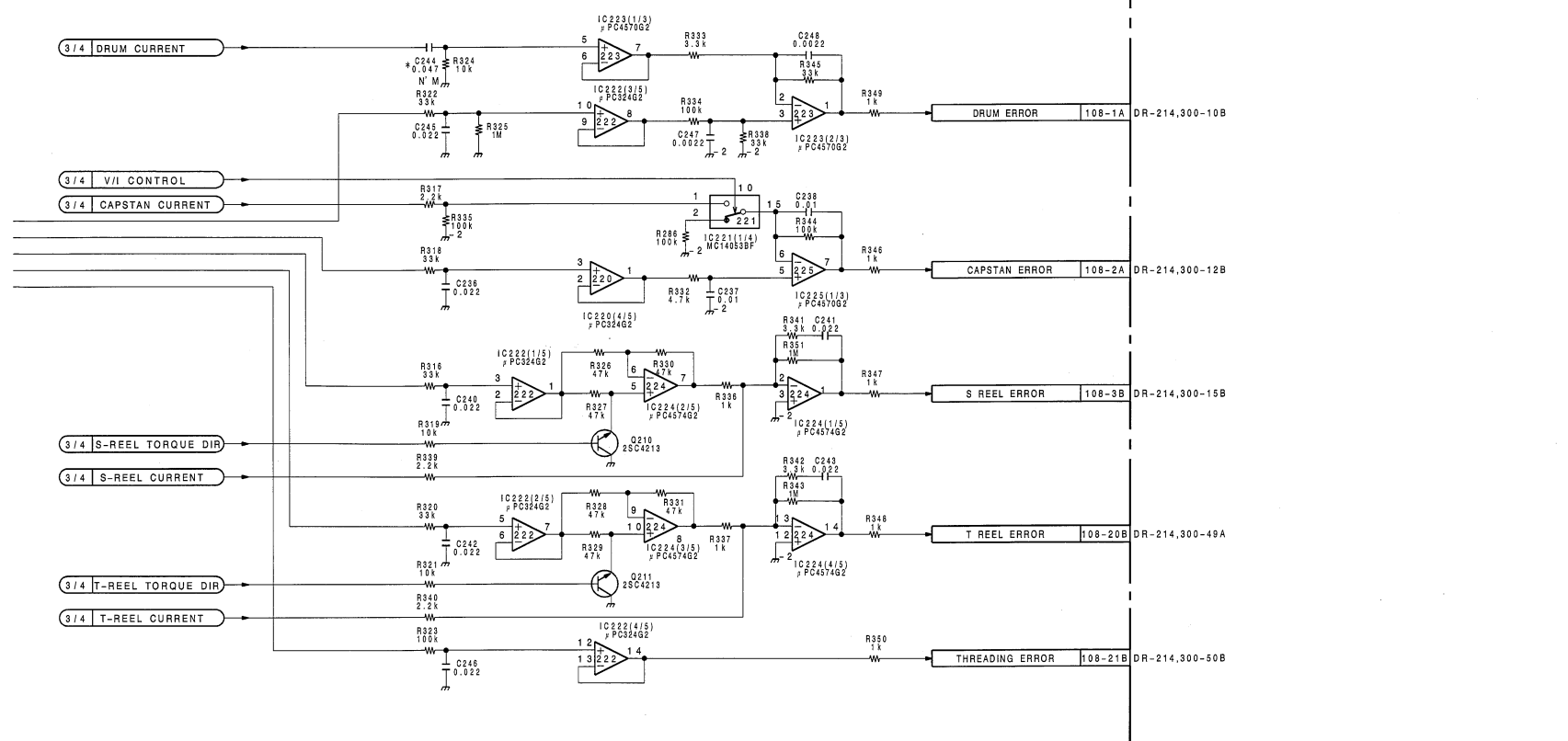


② TP225 PB



SS-53(4/4);SERVO





BOARD NO.1-648-903-11
UVW-1800/1600 (J) ;#10001-
UVW-1800/1600 (UC);#10001-
UVW-1800P/1600P (EK);#10001-

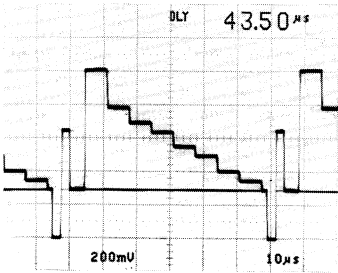
TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	IC409	N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P-2	IC513	F-4	*Q403	P-5		
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P M-5	IC523	F-4	*Q701	C-4		
○*D506	N L-5	IC524	E-3	*Q702	A-2		
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N F-2	*Q707	C-5		
E300	M-1	IC530	N G-2	*Q708	B-5		
E400	R-5	IC531	N G-2	*Q709	D-5		
E500	D-1	IC532	N G-2	*Q710	D-5		
E501	J-3	IC533	N G-1	*Q711	D-5		
E700	E-4	IC534	N G-1				
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P A-1		
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N E-4	TP401	N-4		
IC309	P R-2	IC728	B-3	TP402	N-4		
IC310	N-2			TP500	E-1		
IC400	R-5	LV300	R-2	TP501	E-1		
IC401	N-5	LV400	M-4	TP502	D-1		
IC402	R-5			TP700	C-5		
IC403	R-5	*Q100	R-3	TP701	C-4		

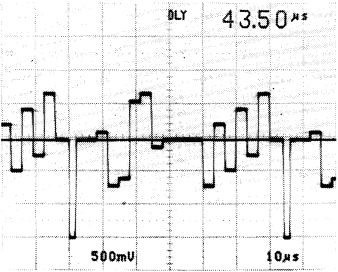
* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

For J,UC

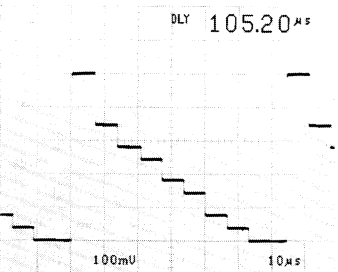
① TP101 PB



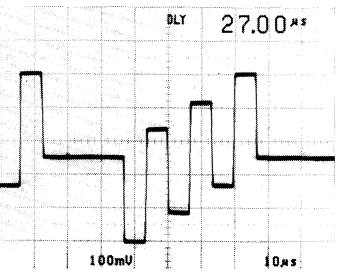
② TP201 PB



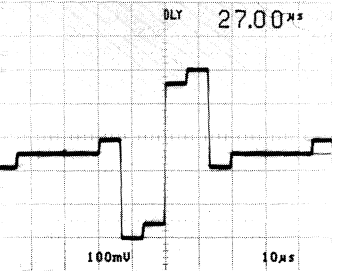
③ TP500 PB



④ TP501 PB

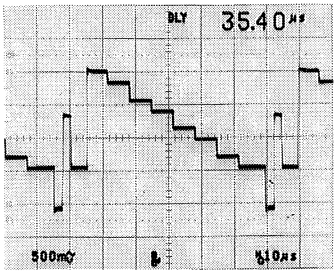


⑤ TP502 PB

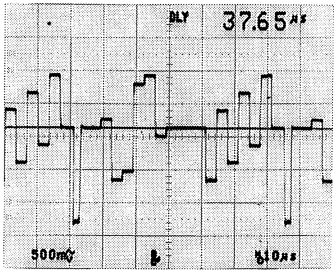


For EK

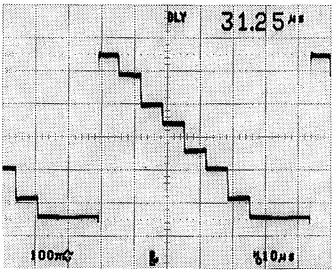
① TP101 PB



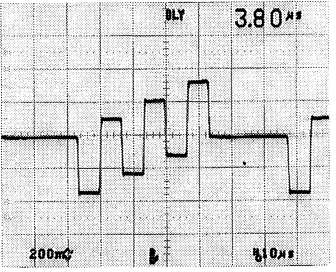
② TP201 PB



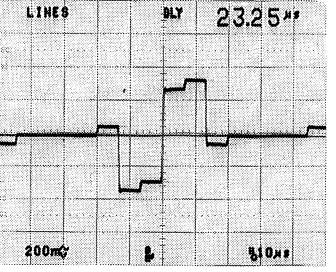
③ TP500 PB



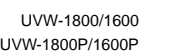
④ TP501 PB

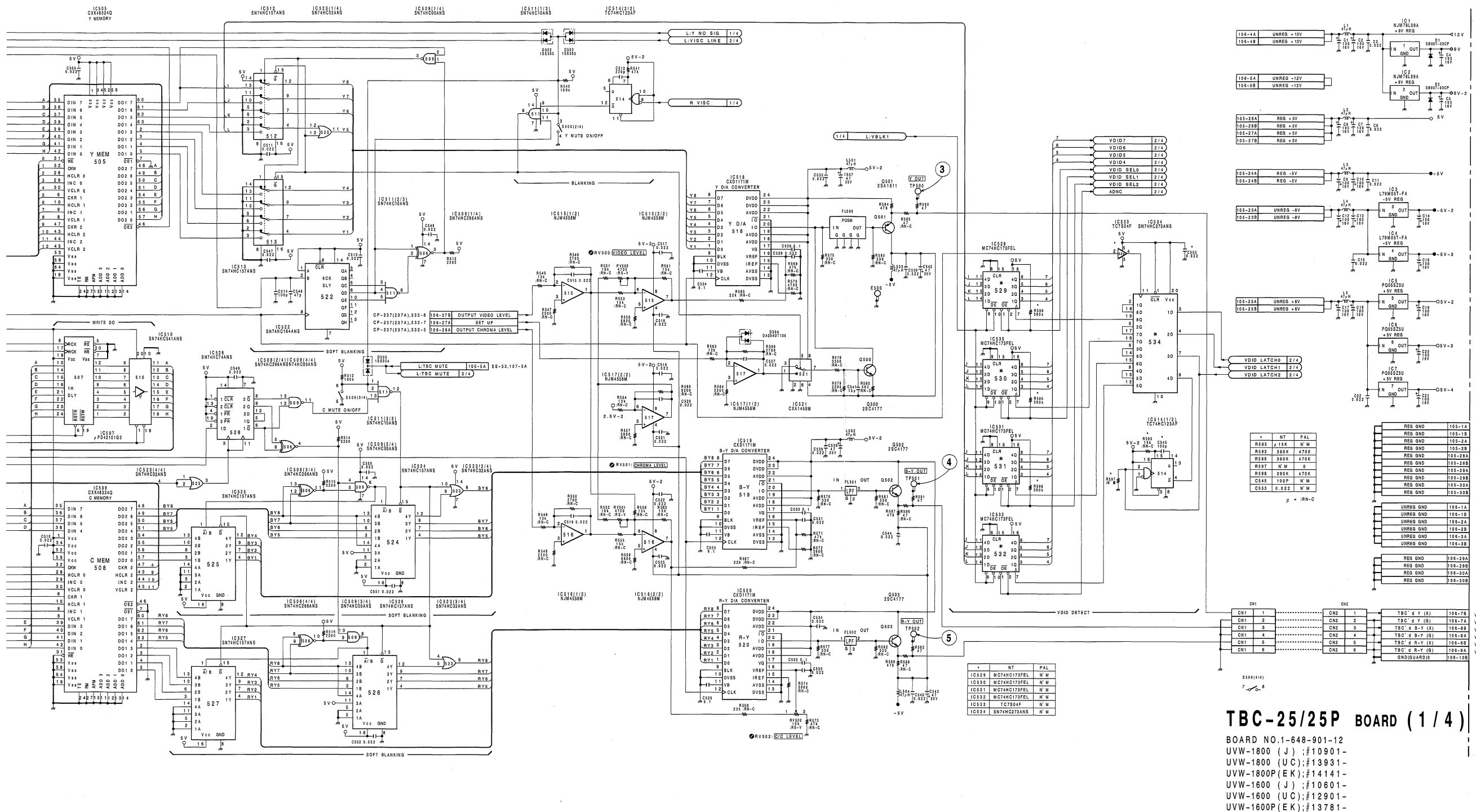


⑤ TP502 PB



TBC-25/25P(1/4);A/D, MEMORY, D/A, SEQUENCER





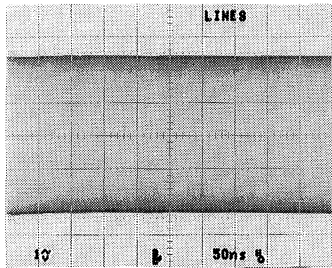
TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	IC409	N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P-2	IC513	F-4	*Q403	P-5		
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P M-5	IC523	F-4	*Q701	C-4		
○*D506	N L-5	IC524	E-3	*Q702	A-2		
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N F-2	*Q707	C-5		
E300	M-1	IC530	N G-2	*Q708	B-5		
E400	R-5	IC531	N G-2	*Q709	D-5		
E500	D-1	IC532	N G-2	*Q710	D-5		
E501	J-3	IC533	N G-1	*Q711	D-5		
E700	E-4	IC534	N G-1				
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P A-1		
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N E-4	TP401	N-4		
IC309	P R-2	IC728	B-3	TP402	N-4		
○ IC310	N-2			TP500	E-1		
IC400	R-5	LV300	R-2	TP501	E-1		
IC401	N-5	LV400	M-4	TP502	D-1		
IC402	R-5			TP700	C-5		
IC403	R-5	*Q100	R-3	TP701	C-4		

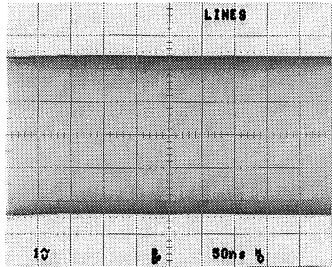
* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△: 1-648-901-11 ONLY
○: 1-648-901-12 ONLY

For J,UC

① TP701 PB

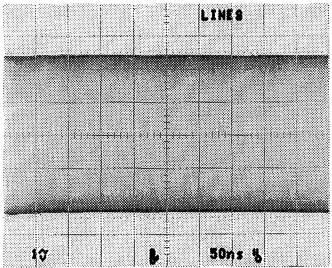


② TP703 PB

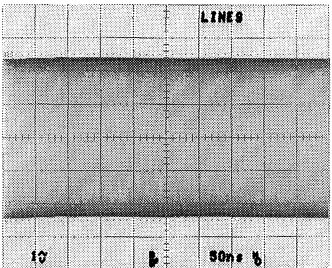


For EK

① TP701 PB

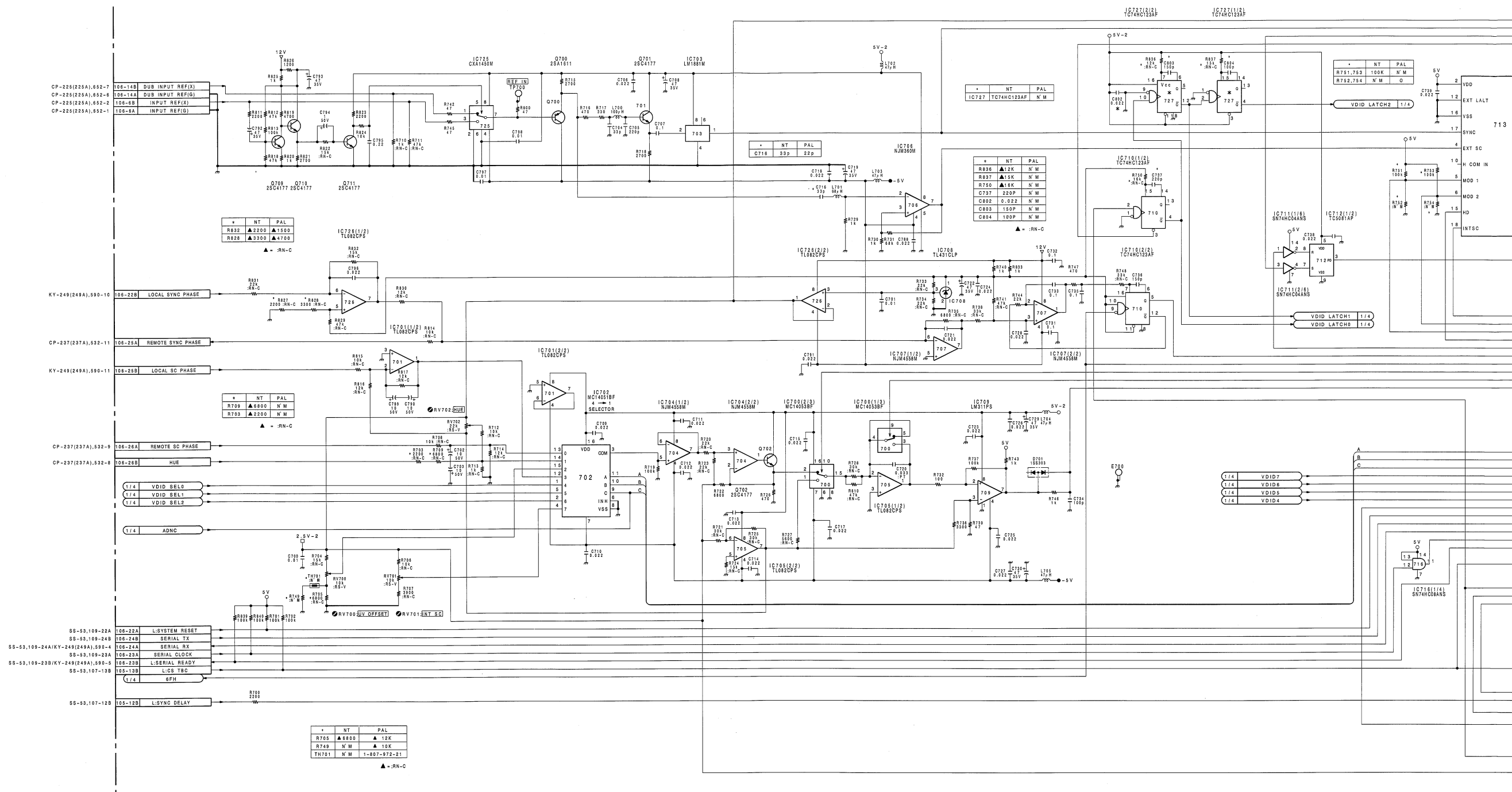


② TP703 PB



UVW-1800 (J) ; Serial No.10901 and higher
 UVW-1800 (UC) ; Serial No.13931 and higher
 UVW-1800P (EK) ; Serial No.14141 and higher
 UVW-1600 (J) ; Serial No.10601 and higher
 UVW-1600 (UC) ; Serial No.12901 and higher
 UVW-1600P (EK) ; Serial No.13781 and higher

TBC-25/25P(2/4);SYNC PROCESS,TBC MPU

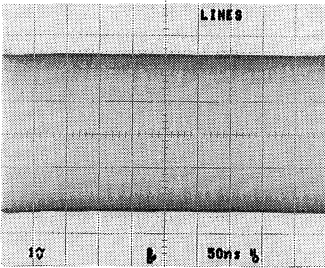




TBC-25 (1-648-901-11, 12)

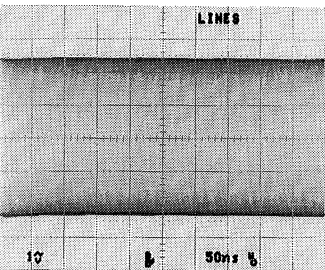
For J,UC

① TP303 PB



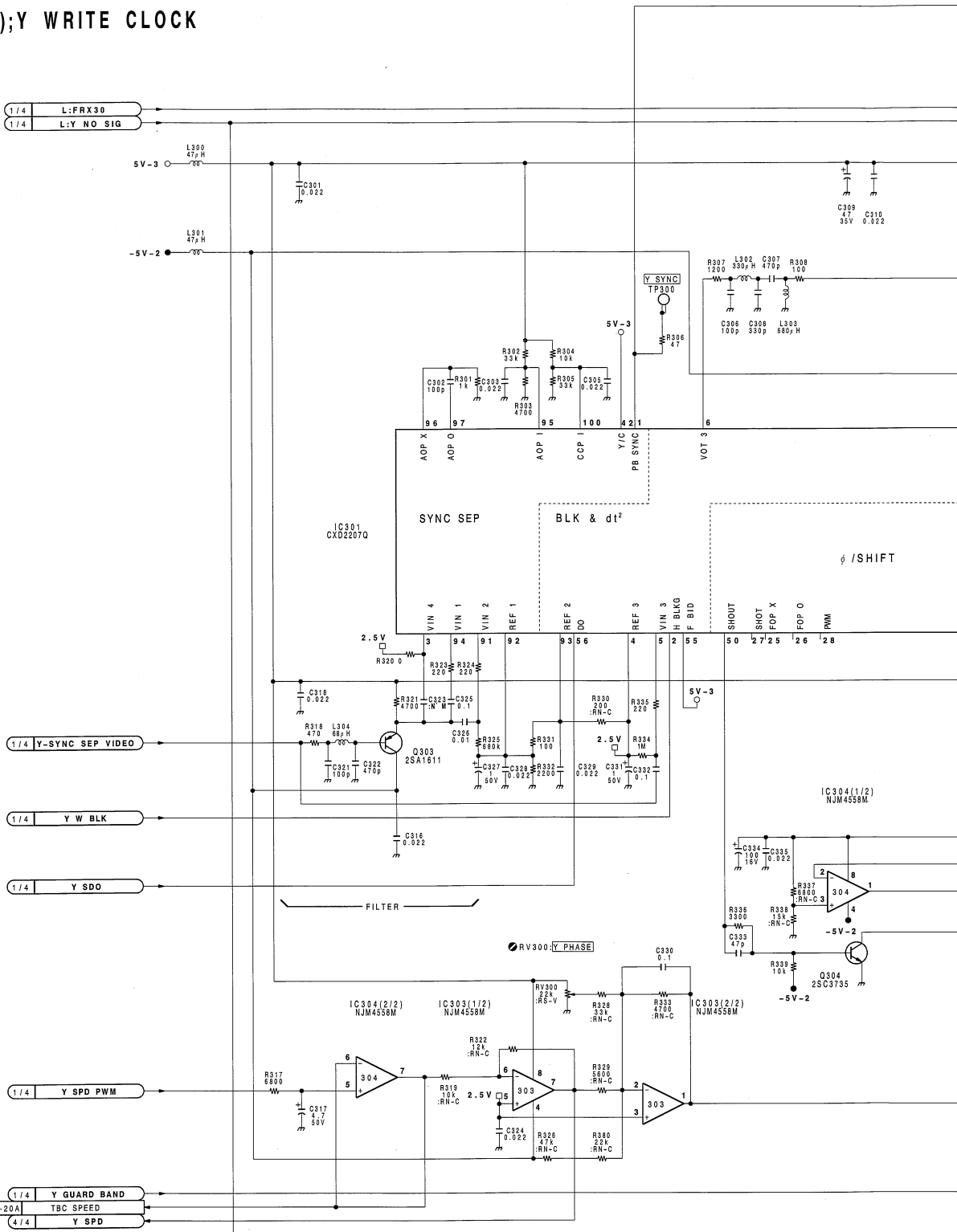
For EK

① TP303 PB



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P (EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P (EK) ; Serial No.13781 and higher

TBC-25/25P(3/4);Y WRITE CLOCK





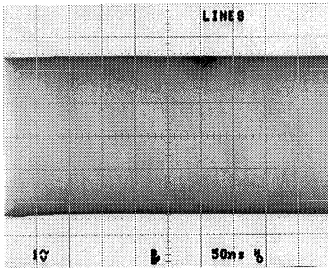
TBC-25 (1-648-901-11, 12)

1	CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
	CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
	CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
	CN106	C-6	IC407	N-4	*Q104	R-3		
			IC408	M-4	*Q200	R-3	X700	C-2
2	CV700	C-2	IC409	N N-5	*Q201	R-3	X701	C-2
	CV701	C-2	IC501	L-2	*Q202	P-3		
			IC502	L-4	*Q203	P-3		
			IC503	J-2	*Q300	P-1		
			IC504	J-4	*Q301	P-1		
3	*D1	M-2	IC505	H-2	*Q302	P-1		
	*D2	M-3	IC506	H-3	*Q303	P-1		
	*D100	M-3	IC507	G-6	*Q304	N-2		
	*D101	N-3	IC508	H-4	*Q305	N-2		
	*D102	R-3	IC509	G-3	*Q306	R-2		
4	*D200	M-3	IC510	F-6	*Q400	P-5		
	*D301	N-2	IC511	H-1	*Q401	P-5		
	*D302	R-2	IC512	F-3	*Q402	R-5		
	*D303	R-2	IC513	F-4	*Q403	P-5		
	*D304	P P-2	IC514	H-1	*Q404	M-4		
5	*D401	P-4	IC515	G-2	*Q405	R-4		
	*D402	N-4	IC516	F-1	*Q406	R-5		
	*D403	M-4	IC517	G-1	*Q407	N-4		
	*D404	M-4	IC518	F-3	*Q500	F-2		
	*D502	K-2	IC519	E-2	*Q501	F-1		
6	*D503	K-2	IC520	D-2	*Q502	E-1		
	*D504	G-1	IC521	G-1	*Q503	D-1		
	*D505	G-1	IC522	G-2	*Q700	C-5		
	*D506	M-5	IC523	F-4	*Q701	C-4		
	*D506	P M-5	IC524	E-3	*Q702	A-2		
7	*D701	N L-5	IC525	E-3	*Q703	C-1		
	*D702	C-2	IC526	D-3	*Q704	C-2		
	*D703	C-2	IC527	D-3	*Q705	C-2		
			IC528	H-3	*Q706	C-2		
			IC529	F-2	*Q707	C-5		
8	E200	N-3	IC530	N G-2	*Q708	B-5		
	E300	M-1	IC531	N G-2	*Q709	D-5		
	E400	R-5	IC532	N G-2	*Q710	D-5		
	E500	D-1	IC533	N G-1	*Q711	D-5		
	E501	J-3	IC534	N G-1				
9	E700	E-4	IC700	A-2	RV100	R-3		
	E701	B-2	IC701	A-1	RV200	R-3		
			IC702	A-2	RV300	M-1		
	FL500	F-2	IC703	C-4	RV301	N-1		
	FL501	E-1	IC704	A-2	RV400	P-1		
10	FL502	D-1	IC705	A-3	RV401	P-5		
			IC706	D-4	RV500	F-1		
	IC1	M-2	IC707	E-5	RV501	F-1		
	IC2	M-3	IC708	F-5	RV502	D-1		
	IC3	L-1	IC709	A-3	RV700	A-1		
11	IC4	L-4	IC710	E-5	RV701	B-1		
	IC5	E-6	IC711	D-3	RV702	B-1		
	IC6	L-1	IC712	C-3	RV703	B-1		
	IC7	L-5	IC713	C-3				
	IC100	P-3	IC714	A-4	S500	J-1		
12	IC101	P-3	IC715	D-2				
	IC102	M-3	IC716	A-3	TH400	R-5		
	IC103	M-2	IC717	A-5	*TH701 P	A-1		
	IC200	P-3	IC718	B-2				
	IC203	M-3	IC719	B-2	TP100	R-3		
13	IC300	P-1	IC720	B-3	TP101	N-3		
	IC301	P-2	IC721	B-2	TP200	R-3		
	IC302	R-1	IC722	B-4	TP201	N-3		
	IC303	M-1	IC723	C-5	TP300	R-1		
	IC304	M-2	IC724	B-5	TP301	P-2		
14	IC305	N-2	IC725	D-5	TP303	P-2		
	IC306	M-2	IC726	F-4	TP400	M-5		
	IC307	R-2	IC727	N E-4	TP401	N-4		
	IC308	R-2	IC728	B-3	TP402	N-4		
	IC309 P	R-2			TP500	E-1		
15	IC310	N-2			TP501	E-1		
	IC400	R-5	LV300	R-2	TP502	D-1		
	IC401	N-5	LV400	M-4	TP700	C-5		
	IC402	R-5			TP701	C-4		
	IC403	R-5	*Q100	R-3				

* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

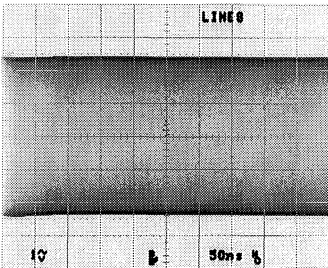
For J,UC

① TP402 PB



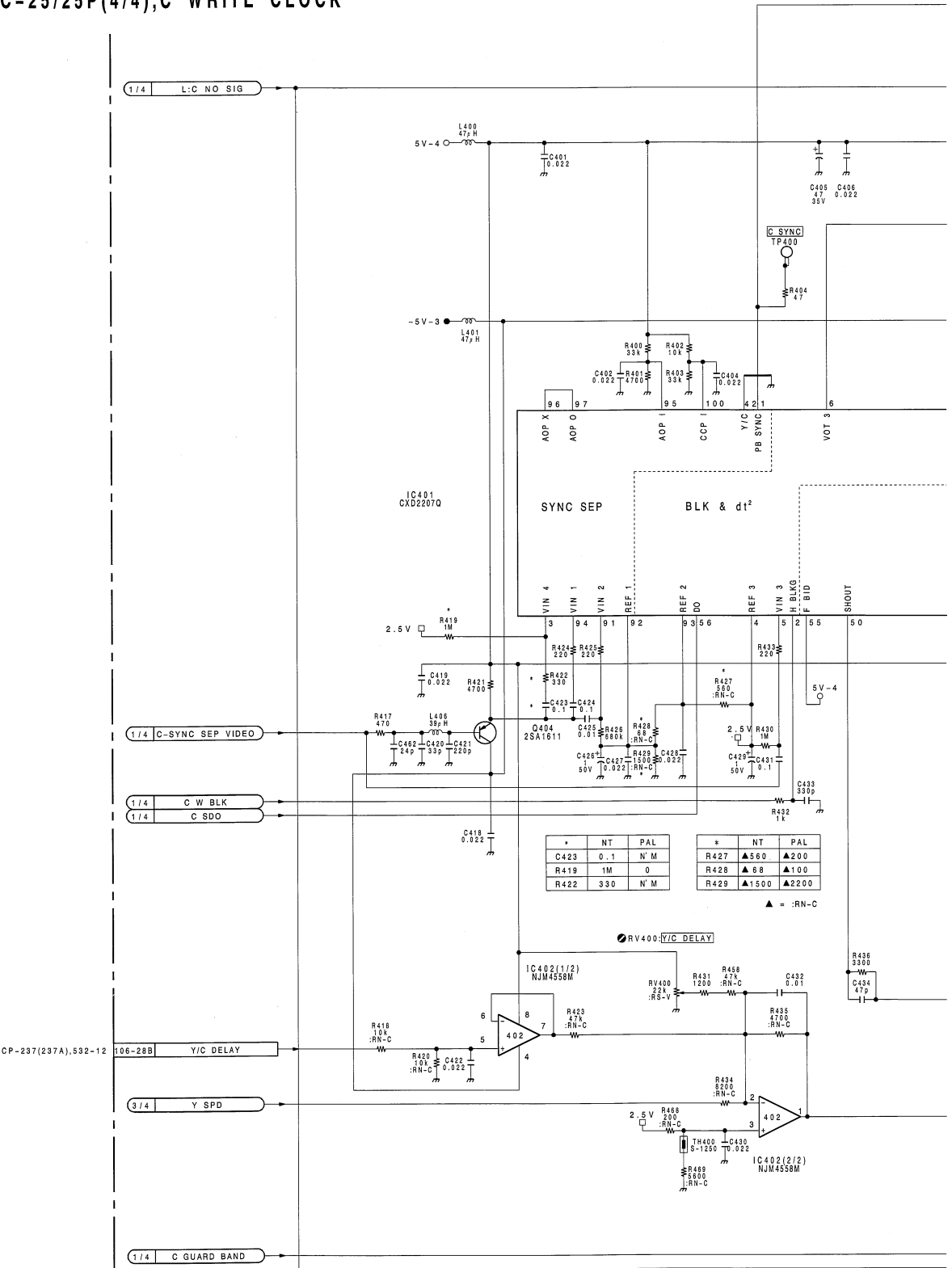
For EK

① TP402 PB



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P (EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P (EK) ; Serial No.13781 and higher

TBC-25/25P(4/4);C WRITE CLOCK





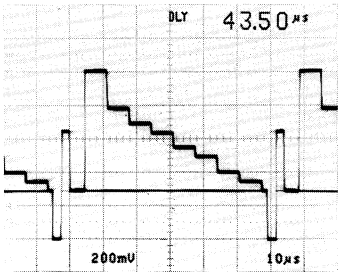
TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	IC409	N N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P P-2	IC513	F-4	*Q403	P-5		
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P M-5	IC523	F-4	*Q701	C-4		
○*D506	N L-5	IC524	E-3	*Q702	A-2		
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N F-2	*Q707	C-5		
E300	M-1	IC530	N G-2	*Q708	B-5		
E400	R-5	IC531	N G-2	*Q709	D-5		
E500	D-1	IC532	N G-2	*Q710	D-5		
E501	J-3	IC533	N G-1	*Q711	D-5		
E700	E-4	IC534	N G-1				
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P A-1		
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N E-4	TP401	N-4		
IC309	P R-2	IC728	B-3	TP402	N-4		
○ IC310	N-2			TP500	E-1		
IC400	R-5	LV300	R-2	TP501	E-1		
IC401	N-5	LV400	M-4	TP502	D-1		
IC402	R-5			TP700	C-5		
IC403	R-5	*Q100	R-3	TP701	C-4		

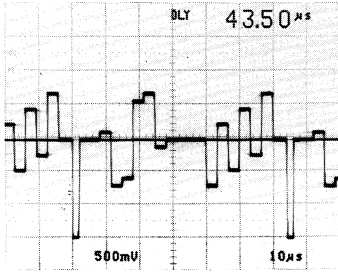
* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

For J,UC

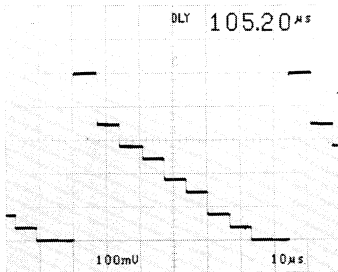
① TP101 PB



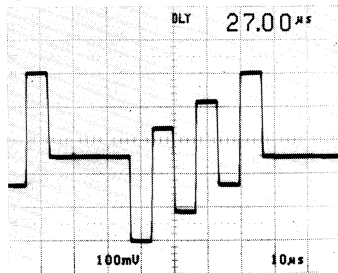
② TP201 PB



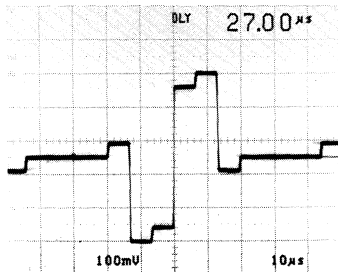
③ TP500 PB



④ TP501 PB

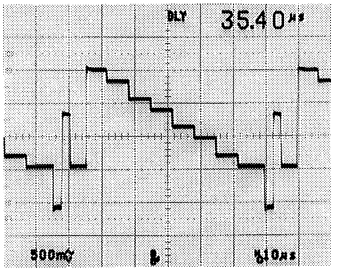


⑤ TP502 PB

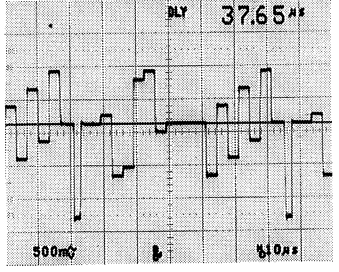


For EK

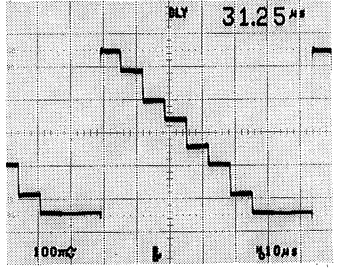
① TP101 PB



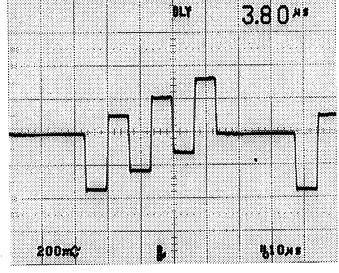
② TP201 PB



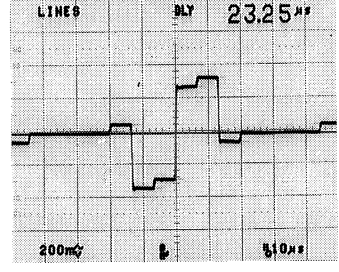
③ TP500 PB



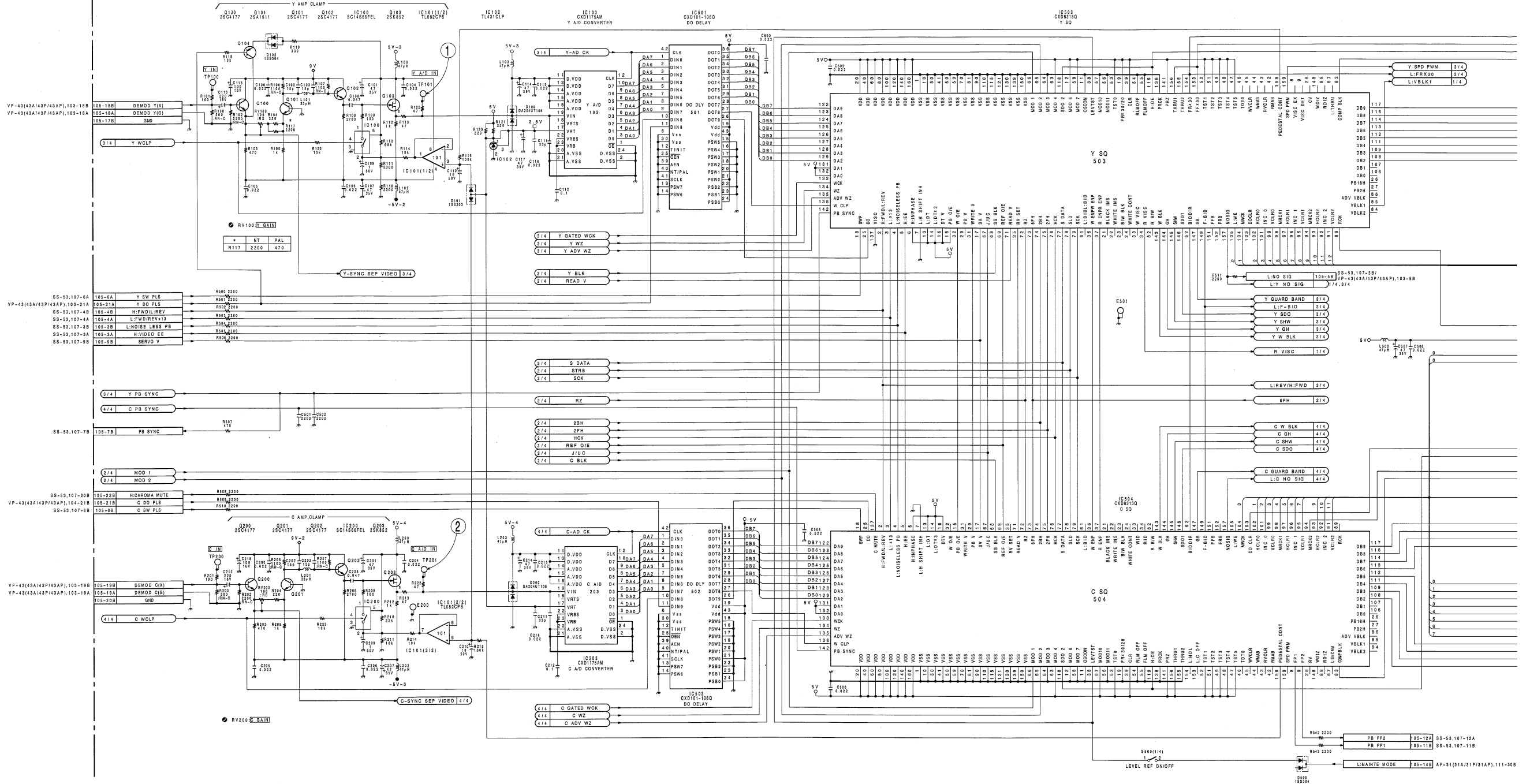
④ TP501 PB

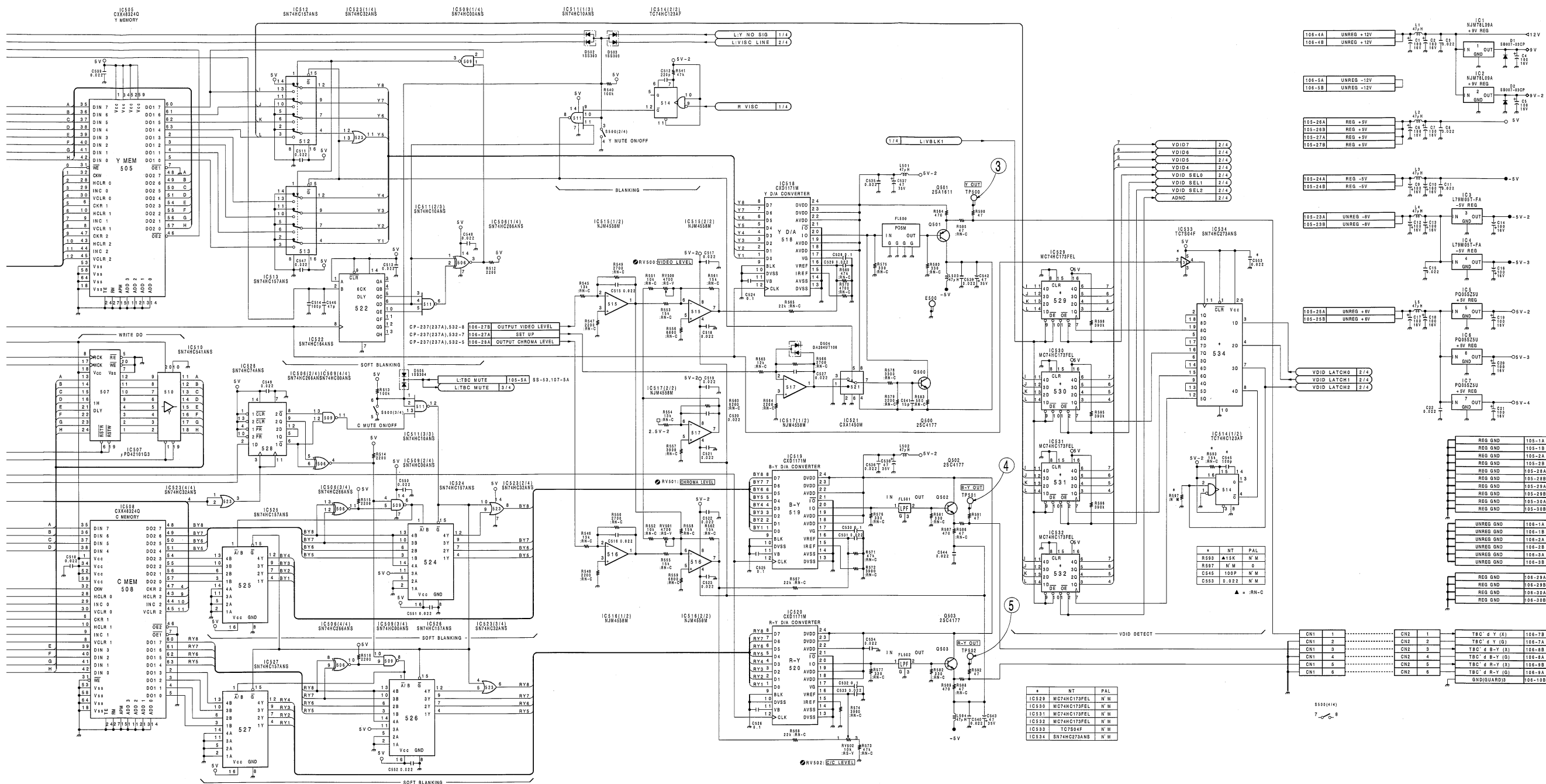


⑤ TP502 PB



TBC-25/25P₁(1/4); A/D, MEMORY, D/A, SEQUENCER





TBC-25/25P BOARD (1/4)

BOARD NO.1-648-901-11
UVW-1800 (J) : #10001-10900
UVW-1800 (UC) : #10001-13930
UVW-1800P (EK) : #10001-14140
UVW-1600 (J) : #10001-10600
UVW-1600 (UC) : #10001-12900
UVW-1600P (EK) : #10001-13780

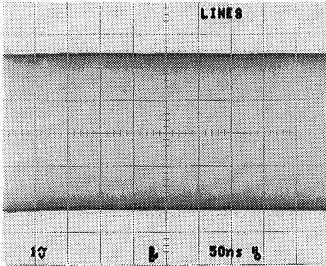
TBC-25 (1-648-901-11, 12)

CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
CN106	C-6	IC407	N-4	*Q104	R-3		
		IC408	M-4	*Q200	R-3	X700	C-2
CV700	C-2	○ IC409	N-5	*Q201	R-3	X701	C-2
CV701	C-2	IC501	L-2	*Q202	P-3		
		IC502	L-4	*Q203	P-3		
*D1	M-2	IC503	J-2	*Q300	P-1		
*D2	M-3	IC504	J-4	*Q301	P-1		
*D100	M-3	IC505	H-2	*Q302	P-1		
*D101	N-3	IC506	H-3	*Q303	P-1		
*D102	R-3	IC507	G-6	*Q304	N-2		
*D200	M-3	IC508	H-4	*Q305	N-2		
*D301	N-2	IC509	G-3	*Q306	R-2		
*D302	R-2	IC510	F-6	*Q400	P-5		
*D303	R-2	IC511	H-1	*Q401	P-5		
*D304	R-2	IC512	F-3	*Q402	R-5		
*D305	P	P-2	IC513	F-4	*Q403	P-5	
*D401	P-4	IC514	H-1	*Q404	M-4		
*D402	N-4	IC515	G-2	*Q405	R-4		
*D403	M-4	IC516	F-1	*Q406	R-5		
*D404	M-4	IC517	G-1	*Q407	N-4		
*D502	K-2	IC518	F-3	*Q500	F-2		
*D503	K-2	IC519	E-2	*Q501	F-1		
*D504	G-1	IC520	D-2	*Q502	E-1		
*D505	G-1	IC521	G-1	*Q503	D-1		
△*D506	M-5	IC522	G-2	*Q700	C-5		
○*D506	P	M-5	IC523	F-4	*Q701	C-4	
○*D506	N	L-5	IC524	E-3	*Q702	A-2	
*D701	A-2	IC525	E-3	*Q703	C-1		
*D702	C-2	IC526	D-3	*Q704	C-2		
*D703	C-2	IC527	D-3	*Q705	C-2		
		IC528	H-3	*Q706	C-2		
E200	N-3	IC529	N	F-2	*Q707	C-5	
E300	M-1	IC530	N	G-2	*Q708	B-5	
E400	R-5	IC531	N	G-2	*Q709	D-5	
E500	D-1	IC532	N	G-2	*Q710	D-5	
E501	J-3	IC533	N	G-1	*Q711	D-5	
E700	E-4	IC534	N	G-1			
E701	B-2	IC700	A-2	RV100	R-3		
		IC701	A-1	RV200	R-3		
FL500	F-2	IC702	A-2	RV300	M-1		
FL501	E-1	IC703	C-4	RV301	N-1		
FL502	D-1	IC704	A-2	RV400	P-1		
		IC705	A-3	RV401	P-5		
IC1	M-2	IC706	D-4	RV500	F-1		
IC2	M-3	IC707	E-5	RV501	F-1		
IC3	L-1	IC708	F-5	RV502	D-1		
IC4	L-4	IC709	A-3	RV700	A-1		
IC5	E-6	IC710	E-5	RV701	B-1		
IC6	L-1	IC711	D-3	RV702	B-1		
IC7	L-5	IC712	C-3	RV703	B-1		
IC100	P-3	IC713	C-3				
IC101	P-3	IC714	A-4	S500	J-1		
IC102	M-3	IC715	D-2				
IC103	M-2	IC716	A-3	TH400	R-5		
IC200	P-3	IC717	A-5	○*TH701	P	A-1	
IC203	M-3	IC718	B-2				
IC300	P-1	IC719	B-2	TP100	R-3		
IC301	P-2	IC720	B-3	TP101	N-3		
IC302	R-1	IC721	B-2	TP200	R-3		
IC303	M-1	IC722	B-4	TP201	N-3		
IC304	M-2	IC723	C-5	TP300	R-1		
IC305	N-2	IC724	B-5	TP301	P-2		
IC306	M-2	IC725	D-5	TP303	P-2		
IC307	R-2	IC726	F-4	TP400	M-5		
IC308	R-2	IC727	N	E-4	TP401	N-4	
IC309	P	R-2	○ IC728	B-3	TP402	N-4	
○ IC310	N-2				TP500	E-1	
IC400	R-5	LV300	R-2		TP501	E-1	
IC401	N-5	LV400	M-4		TP502	D-1	
IC402	R-5				TP700	C-5	
IC403	R-5	*Q100	R-3		TP701	C-4	

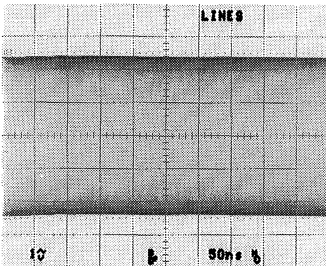
* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY

For J,UC

① TP701 PB

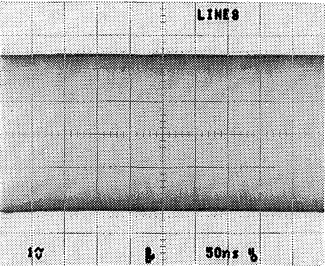


② TP703 PB

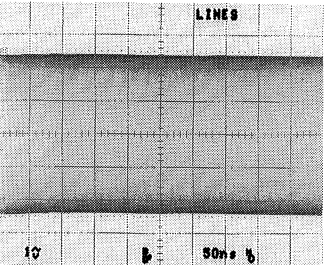


For EK

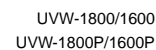
① TP701 PB

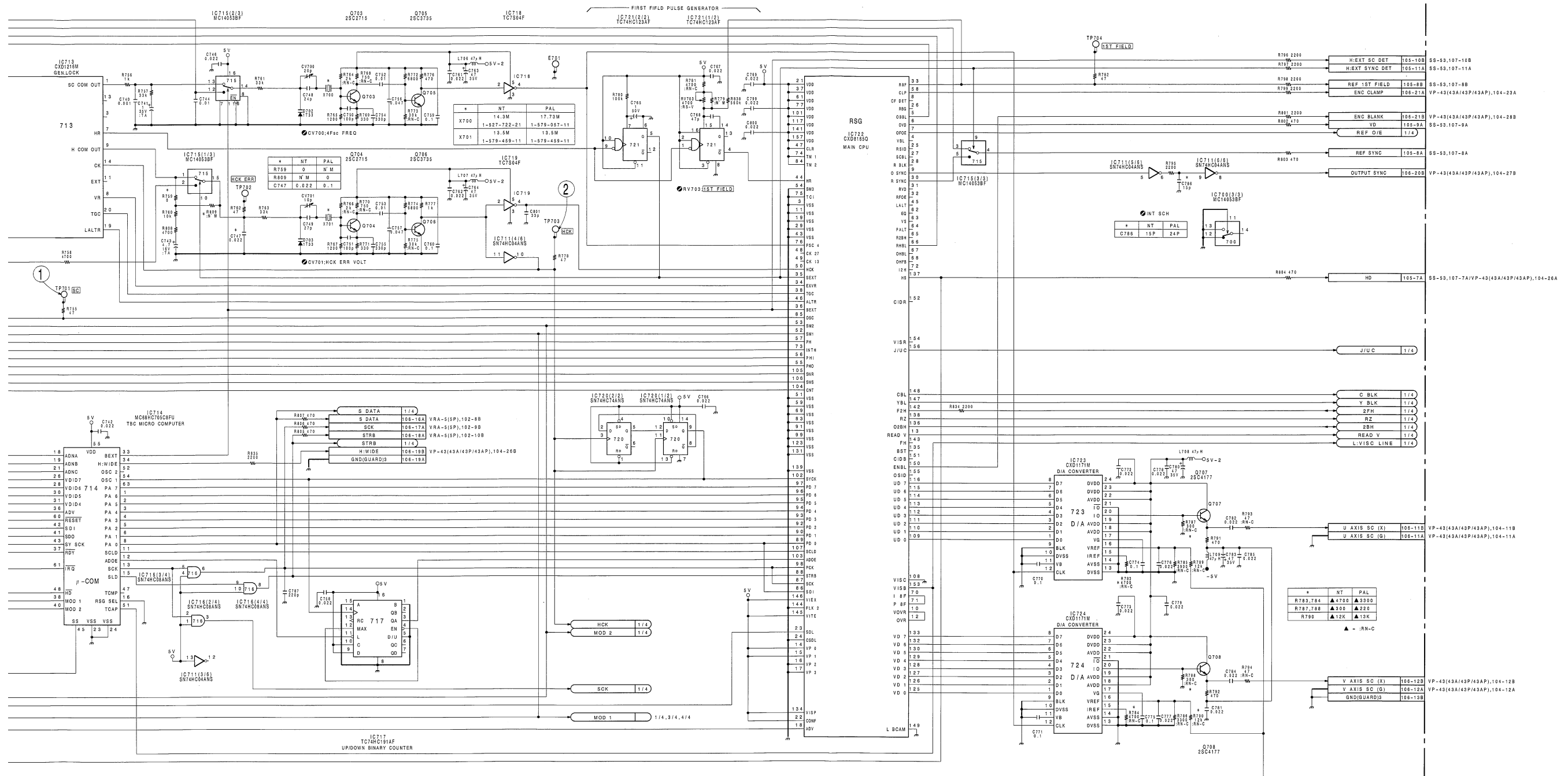


② TP703 PB



TBC-25/25P(2/4); SYNC PROCESS, TBC MPU





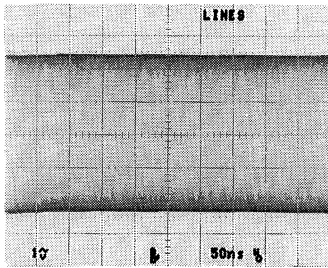
TBC-25/25P BOARD (2/4)

BOARD NO.1-648-901-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P(EK);#10001-13780

TBC-25 (1-648-901-11, 12)

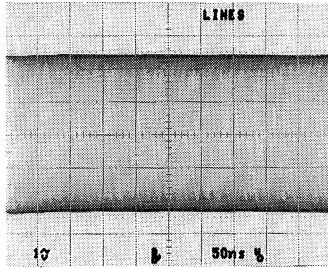
For J,UC

① TP303 PB



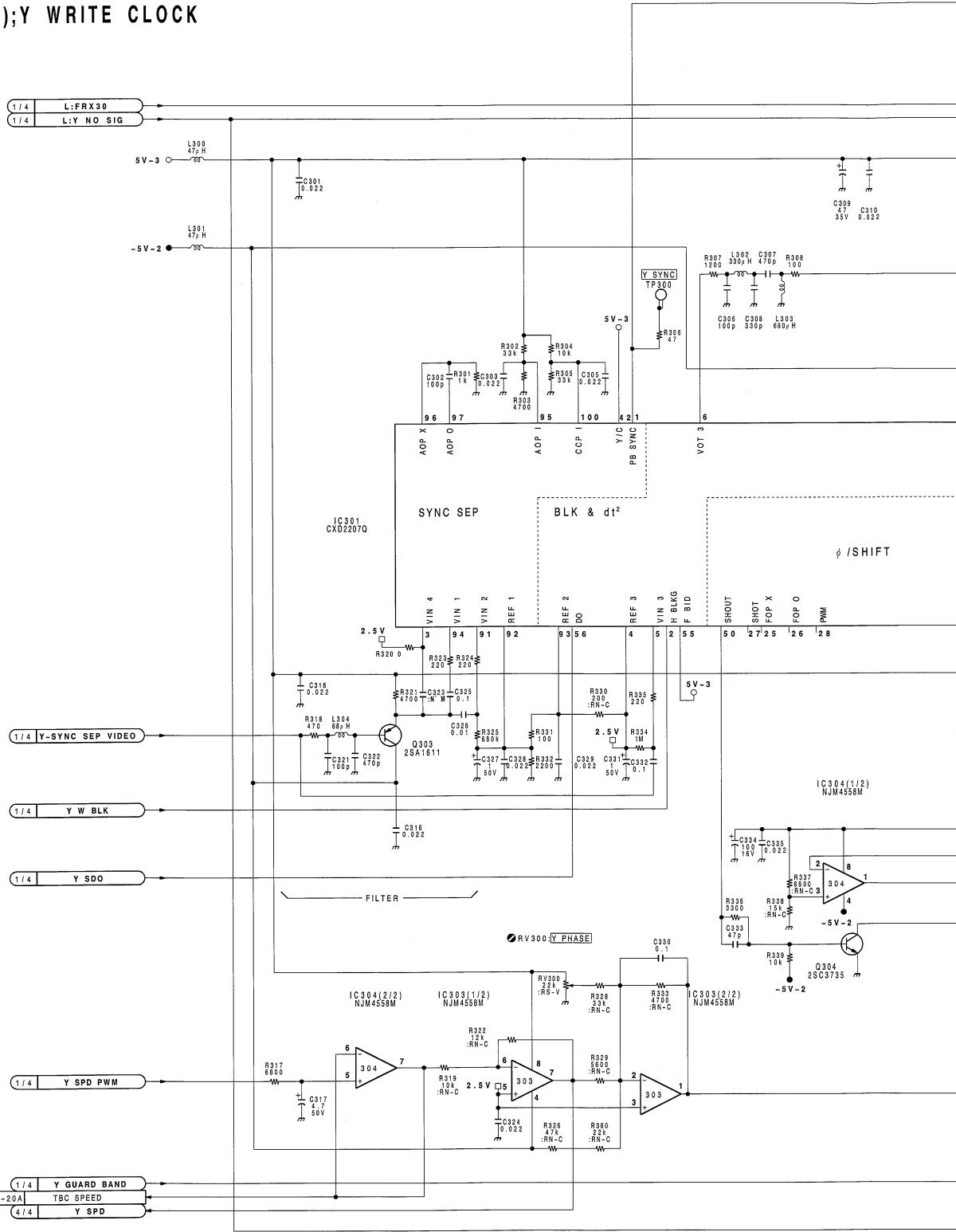
For EK

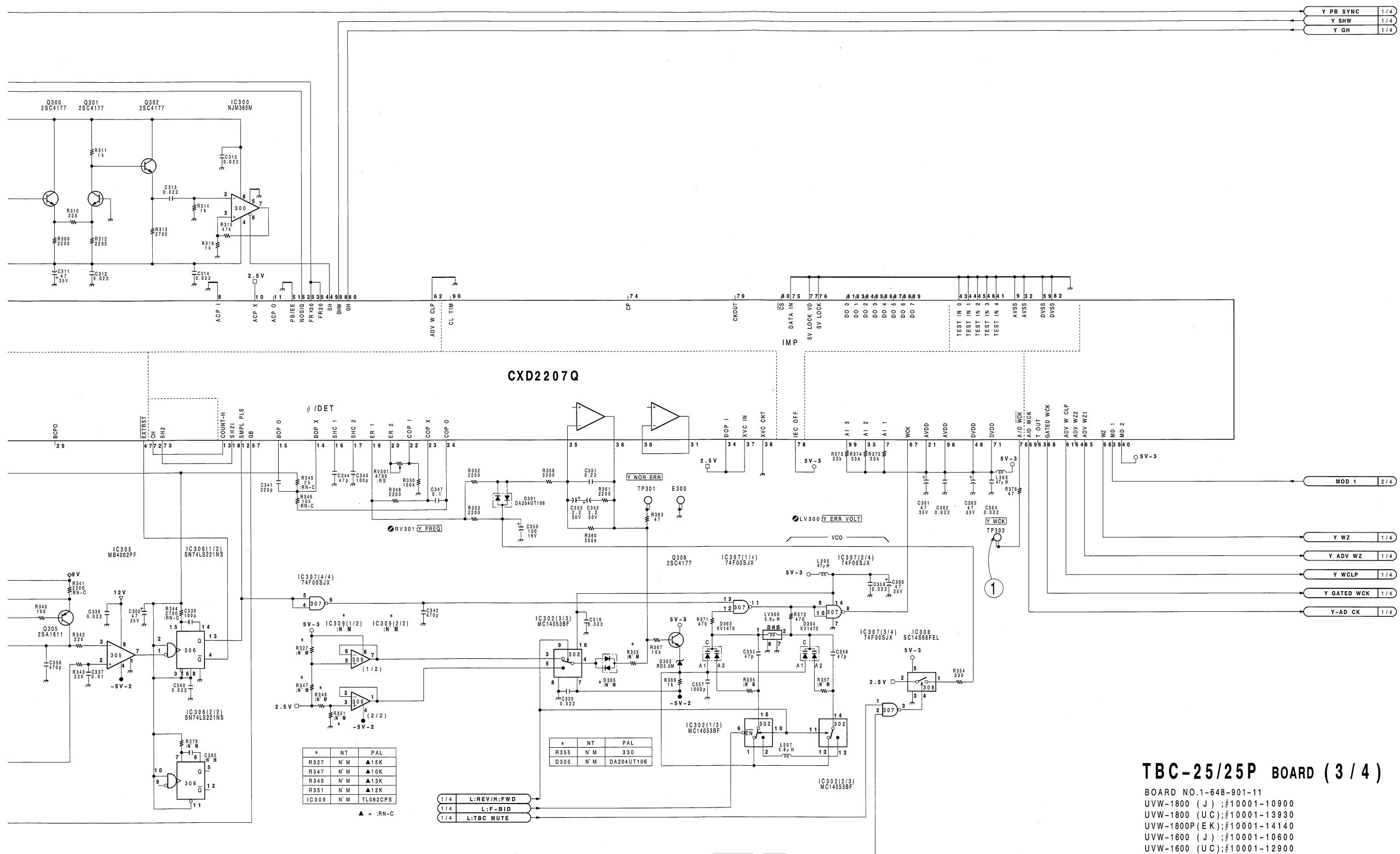
① TP303 PB



UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P(EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P(EK) ; Serial No.10001 through 13780

TBC-25/25P(3/4);Y WRITE CLOCK

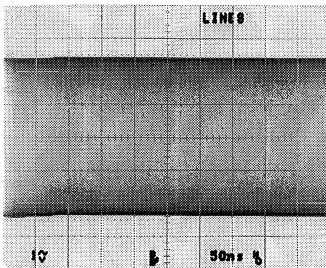




TBC-25 (1-648-901-11, 12)

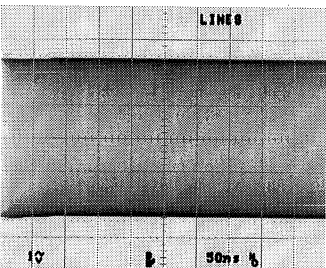
For J,UC

① TP402 PB



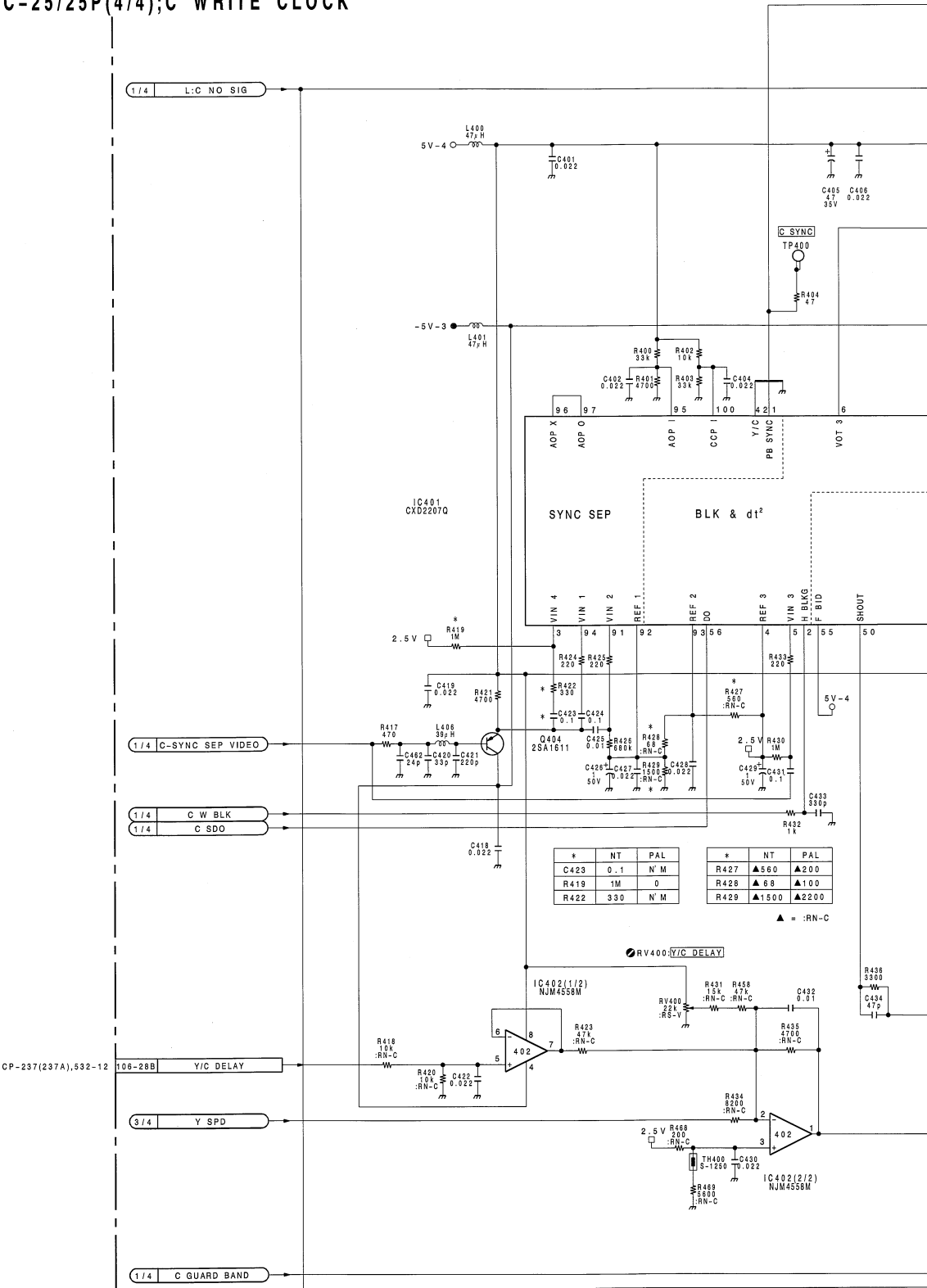
For EK

① TP402 PB



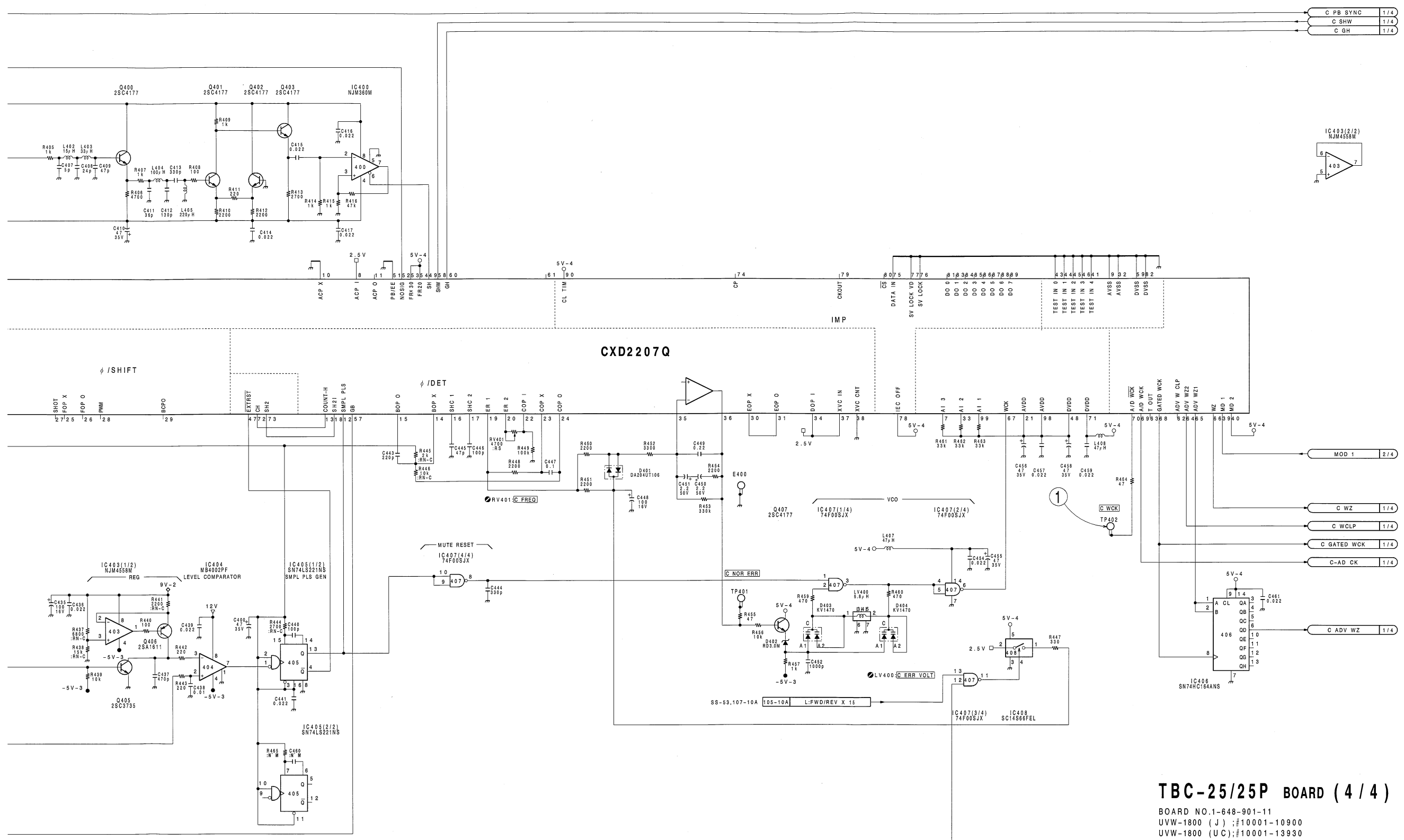
UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC); Serial No.10001 through 13930
UVW-1800P(EK); Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC); Serial No.10001 through 12900
UVW-1600P(EK); Serial No.10001 through 13780

TBC-25/25P(4/4);C WRITE CLOCK



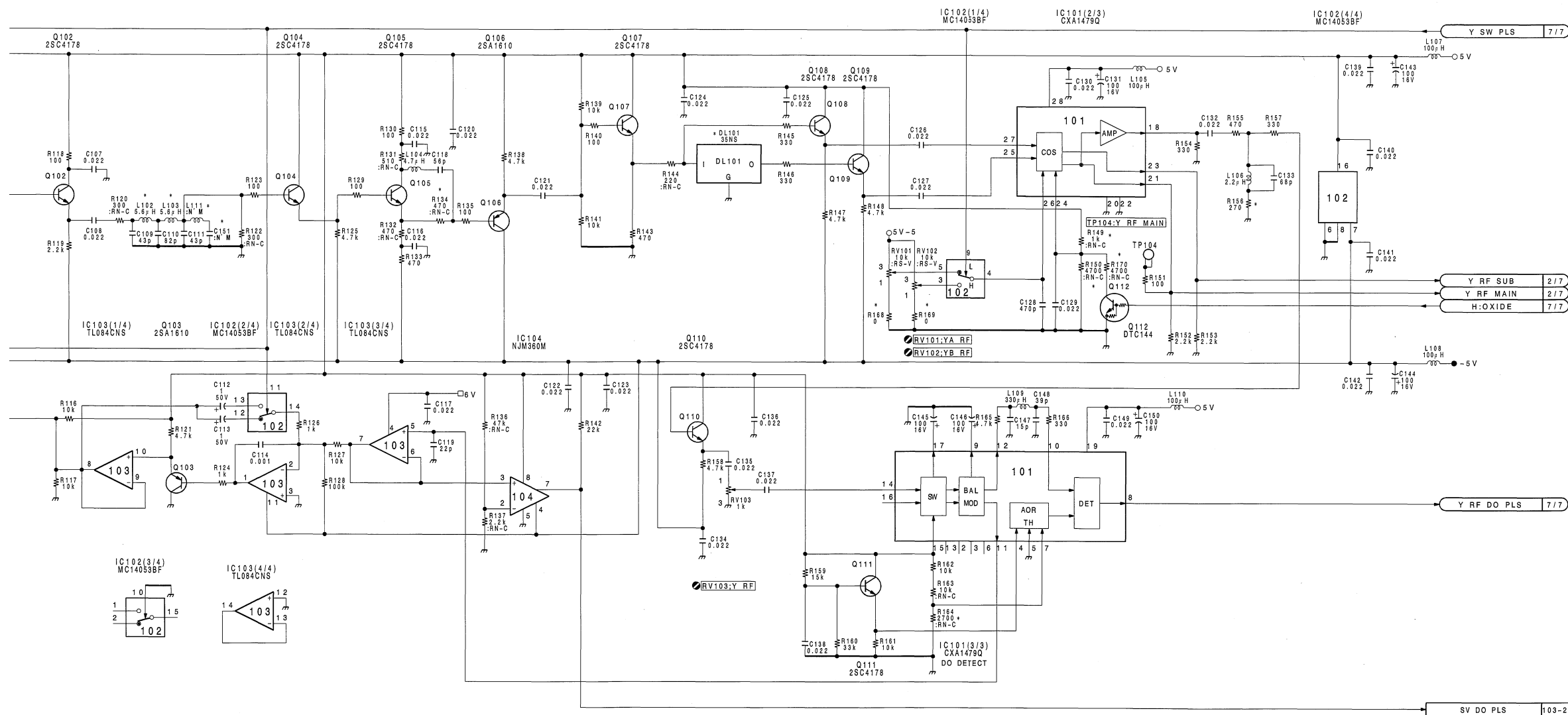
1	CN1	E-1	IC404	R-4	*Q101	R-3	TP702	C-1
	CN2	C-6	IC405	R-4	*Q102	P-3	TP703	C-3
	CN105	N-6	IC406	M-5	*Q103	P-3	TP704	C-1
	CN106	C-6	IC407	N-4	*Q104	R-3		
	CV700	C-2	IC408	M-4	*Q200	R-3	X700	C-2
	CV701	C-2	IC409	N-5	*Q201	R-3	X701	C-2
			IC501	L-2	*Q202	P-3		
			IC502	L-4	*Q203	P-3		
	*D1	M-2	IC503	J-2	*Q300	P-1		
	*D2	M-3	IC504	J-4	*Q301	P-1		
	*D100	M-3	IC505	H-2	*Q302	P-1		
	*D101	N-3	IC506	H-3	*Q303	P-1		
	*D102	R-3	IC507	G-6	*Q304	N-2		
	*D200	M-3	IC508	H-4	*Q305	N-2		
	*D301	N-2	IC509	G-3	*Q306	R-2		
	*D302	R-2	IC510	F-6	*Q400	P-5		
	*D303	R-2	IC511	H-1	*Q401	P-5		
	*D304	R-2	IC512	F-3	*Q402	R-5		
	*D305	P-2	IC513	F-4	*Q403	P-5		
	*D401	P-4	IC514	H-1	*Q404	M-4		
	*D402	N-4	IC515	G-2	*Q405	R-4		
	*D403	M-4	IC516	F-1	*Q406	R-5		
	*D404	M-4	IC517	G-1	*Q407	N-4		
	*D502	K-2	IC518	F-3	*Q500	F-2		
	*D503	K-2	IC519	E-2	*Q501	F-1		
	*D504	G-1	IC520	D-2	*Q502	E-1		
	*D505	G-1	IC521	G-1	*Q503	D-1		
	*D506	M-5	IC522	G-2	*Q700	C-5		
	*D506	P	IC523	F-4	*Q701	C-4		
	*D506	N	IC524	E-3	*Q702	A-2		
	*D701	A-2	IC525	E-3	*Q703	C-1		
	*D702	C-2	IC526	D-3	*Q704	C-2		
	*D703	C-2	IC527	D-3	*Q705	C-2		
			IC528	H-3	*Q706	C-2		
	E200	N-3	IC529	N	*Q707	C-5		
	E300	M-1	IC530	N	*Q708	B-5		
	E400	R-5	IC531	N	*Q709	D-5		
	E500	D-1	IC532	N	*Q710	D-5		
	E501	J-3	IC533	N	*Q711	D-5		
	E700	E-4	IC534	N				
	E701	B-2	IC700	A-2	RV100	R-3		
			IC701	A-1	RV200	R-3		
	FL500	F-2	IC702	A-2	RV300	M-1		
	FL501	E-1	IC703	C-4	RV301	N-1		
	FL502	D-1	IC704	A-2	RV400	P-1		
			IC705	A-3	RV401	P-5		
	IC1	M-2	IC706	D-4	RV500	F-1		
	IC2	M-3	IC707	E-5	RV501	F-1		
	IC3	L-1	IC708	F-5	RV502	D-1		
	IC4	L-4	IC709	A-3	RV700	A-1		
	IC5	E-6	IC710	E-5	RV701	B-1		
	IC6	L-1	IC711	D-3	RV702	B-1		
	IC7	L-5	IC712	C-3	RV703	B-1		
	IC100	P-3	IC713	C-3				
	IC101	P-3	IC714	A-4	S500	J-1		
	IC102	M-3	IC715	D-2				
	IC103	M-2	IC716	A-3	TH400	R-5		
	IC200	P-3	IC717	A-5	*TH701 P	A-1		
	IC203	M-3	IC718	B-2	TP100	R-3		
	IC300	P-1	IC719	B-2	TP101	N-3		
	IC301	P-2	IC720	B-3	TP200	R-3		
	IC302	R-1	IC721	B-2	TP201	N-3		
	IC303	M-1	IC722	B-4	TP300	R-1		
	IC304	M-2	IC723	C-5	TP301	P-2		
	IC305	N-2	IC724	B-5	TP303	P-2		
	IC306	M-2	IC725	D-5	TP400	M-5		
	IC307	R-2	IC726	F-4	TP401	N-4		
	IC308	R-2	IC727	N	TP402	N-4		
	IC309	P	IC728	B-3	TP500	E-1		
	IC310	N-2			TP501	E-1		
	IC400	R-5	LV300	R-2	TP502	D-1		
	IC401	N-5	LV400	M-4	TP700	C-5		
	IC402	R-5			TP701	C-4		
	IC403	R-5	*Q100	R-3				

* : B SIDE
N : UVW-1800/1600 ONLY
P : UVW-1800P/1600P ONLY
△ : 1-648-901-11 ONLY
○ : 1-648-901-12 ONLY



* : B SIDE
 _ : UVW-1800/1800P ONLY
 N : UVW-1800/1600 ONLY
 △ : 1-648-899-11 ONLY
 ◎ : UVW-1800 (1-648-899-12) ONLY
 ● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

[illegible]



REF NO.	UVW-1800		UVW-1600	
	J.U.C	EK	J.U.C	EK
R101	0	0	▲100	▲82
R102	0	0	▲100	▲82
R103	▲300	▲300	▲200	▲220
R104	▲300	▲300	▲200	▲220
R150	▲4700	▲6800	▲6800	▲5600
R170	▲4700	10K	▲3300	10K

REF NO.	J.U.C		E.K	
	J.U.C	E.K	J.U.C	E.K
R107	0	N'M		
R134	▲470	▲560		
R149	▲1000	▲1500		
R156	270	270		
R164	▲2700	▲2200		
R167	N'M	0		
R168	0	10K		
R169	0	10K		
L102	5.6UH	4.7UH		
L103	5.6UH	4.7UH		
L111	N'M	4.7UH		
C151	N'M	12P		

REF NO.	J.U.C		E.K	
	J.U.C	E.K	J.U.C	E.K
DL101	35ns	25ns		
	1-415-154-31	1-415-874-11		

▲ = :RN-C

VP-43/43A VP-43P/43AP BOARD (1/7)

BOARD NO.1-648-899-12
UVW-1800 (J); #10901-
UVW-1800 (UC); #13931-
UVW-1800P(EK); #14141-
UVW-1600 (J); #10601-
UVW-1600 (UC); #12901-
UVW-1600P(EK); #13781-

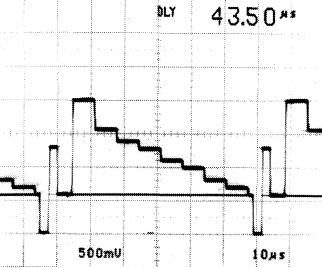
VP-43/43A(1-648-899-11, 12)

1	CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
2	DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
			*Q102	N-4	Q514	B-3	TH401	J-2
	*D201	N-2	*Q103	N-5	*Q515	B-2		
	*D401	J-2	*Q104	N-4	*Q516	B-2	TH601	D-2
	*D501	A-2	*Q105	N-4	Q517	B-3	*TH601	D-1
	*D502	B-2	*Q106	N-3	*Q601	F-5		
	*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
	*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
	*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
	*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
	*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
			*Q112	P-5	Q607	E-5	TP301	H-1
			*Q201	M-2	Q608	F-5	TP302	J-3
	E101	P-6	*Q202	N-1	Q609	E-4	TP401	L-1
	E102	N-1	*Q203	P-2	Q610	F-4		
	E201	R-1	*Q204	N-2	Q611	F-5		
	E301	K-5	*Q205	P-2	*Q612	F-5		
	E401	G-2	*Q206	P-2	*Q613	D-4		
	E501	B-2	*Q207	N-2	*Q614	D-3		
	E502	B-6	*Q208	N-1	*Q615	D-3		
	E601	E-4	*Q209	N-1	*Q616	C-3		
	E602	D-1	*Q210	N-1	*Q617	C-3		
	E701	F-2	*Q211	P-2	*Q618	F-2		
3	FL201	M-1	*Q212	P-1	*Q619	F-2		
	FL401	H-1	*Q213	R-2	*Q620	F-3		
	FL601	E-2	*Q214	R-2	*Q621	F-3		
			*Q215	P-1	*Q622	E-3		
	IC101	P-4	*Q216	N-2	*Q623	D-3		
	IC102	M-5	*Q217	M-2	*Q624	D-1		
	IC103	N-5	*Q218	M-2	*Q625	E-4		
	IC104	L-5	*Q219	M-2	*Q626	D-4		
	IC201	L-3	*Q220	M-2	*Q627	D-1		
	IC202	M-2	*Q301	J-4	*Q628	D-1		
	IC203	M-1	*Q302	J-4	*Q701	E-2		
	IC204	P-1	*Q303	H-4	*Q702	F-2		
	IC205	L-2	*Q304	H-5	*Q703	E-2		
	IC301	K-4	*Q305	H-4	*Q704	F-2		
	IC302	G-5	*Q306	H-3	*Q705	E-2		
4	IC303	H-5	*Q307	J-3	*Q706	F-2		
	IC401	H-2	*Q308	J-4	*Q707	E-1		
	IC402	H-1	*Q309	J-4	*Q708	F-1		
	IC403	K-1	*Q310	K-3	*Q709	F-2		
	IC404	G-2	*Q311	K-5	*Q710	F-1		
	IC501	A-5	*Q401	H-2	*Q711	F-2		
	IC502	A-2	*Q402	J-1	*Q712	F-2		
	IC503	A-2	*Q403	J-1	*Q713	F-1		
	IC504	B-2	*Q404	J-2	*Q714	E-1		
	IC505	B-2	*Q405	J-1				
	IC506	A-3	*Q406	J-1	RV101	L-1		
	IC507	B-5	*Q407	J-1	RV102	K-1		
	IC508	C-4	*Q408	J-1	RV103	P-4		
	IC509	B-5	*Q409	J-2	RV201	M-3		
	IC510	B-4	*Q410	J-1	RV301	J-1		
	IC511	J-6	*Q411	J-2	RV302	H-1		
	IC512	G-6	*Q412	J-2	RV303	K-4		
	IC601	D-4	*Q413	K-2	RV401	H-3		
	IC602	D-4	*Q414	K-2	RV501	A-4		
	IC603	F-4	*Q415	K-2	RV502	A-4		
5	IC604	F-3	*Q416	J-2	RV503	B-4		
	IC605	F-3	*Q417	H-2	RV504	B-4		
	IC606	E-3	*Q418	H-2	RV505	B-4		
	IC607	F-3	*Q501	A-1	RV506	B-4		
	IC608	D-2	Q502	A-1	RV601	D-1		
	IC609	E-2	Q503	A-1	RV602	F-1		
	IC610	D-2	Q504	A-1	RV603	D-1		
	IC611	D-2	*Q505	A-5	RV604	D-1		
	IC612	C-2	*Q506	A-4	RV605	F-1		
	IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

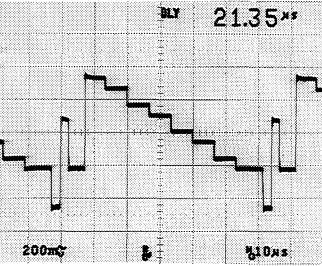
For J,UC

① TP201 PB



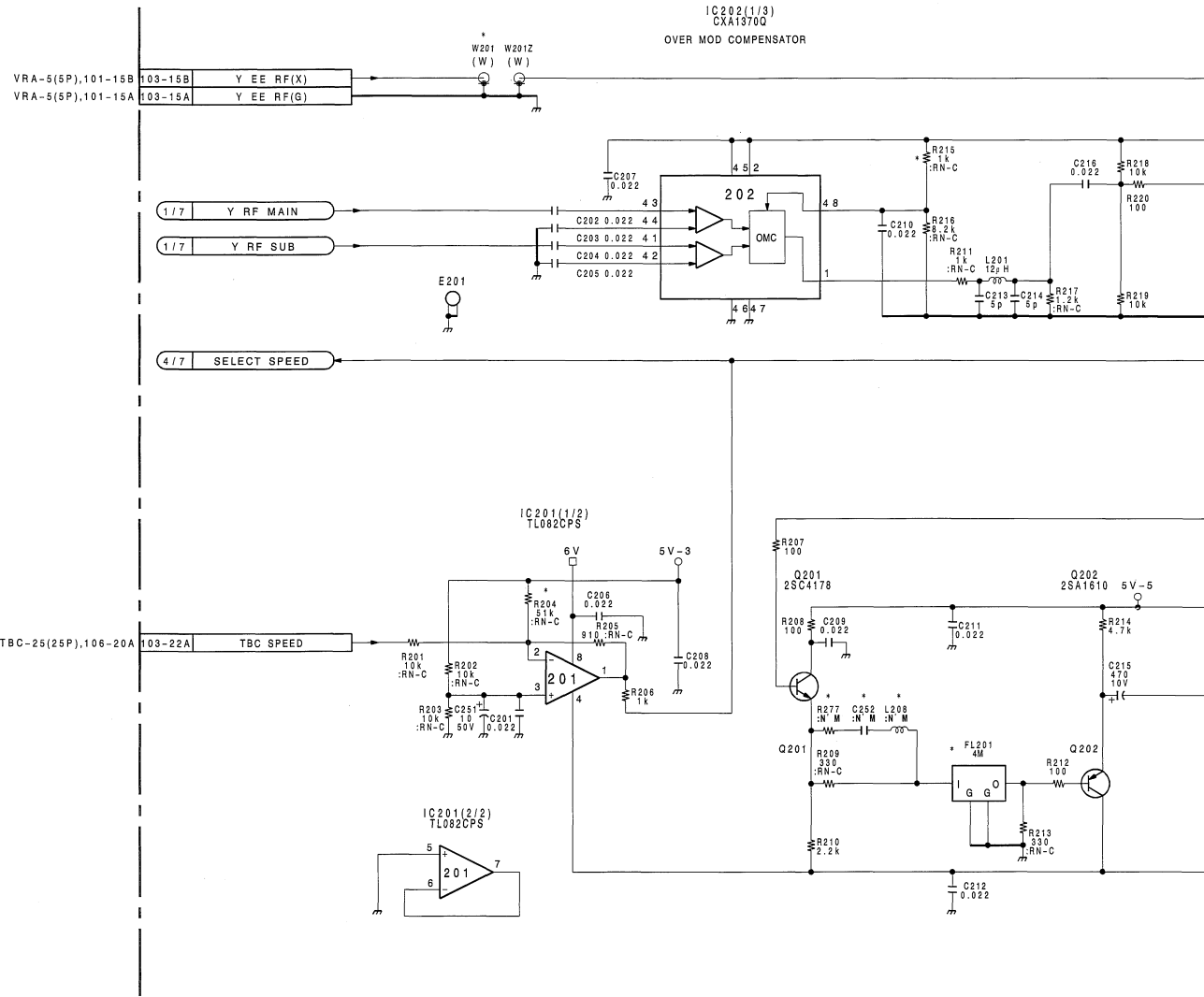
For EK

① TP201 PB



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P(EK) ; Serial No.13781 and higher

VP-43/43A/43P/43AP(2/7) ; Y OMC,Y DEM,Y NL DE-EMPH.



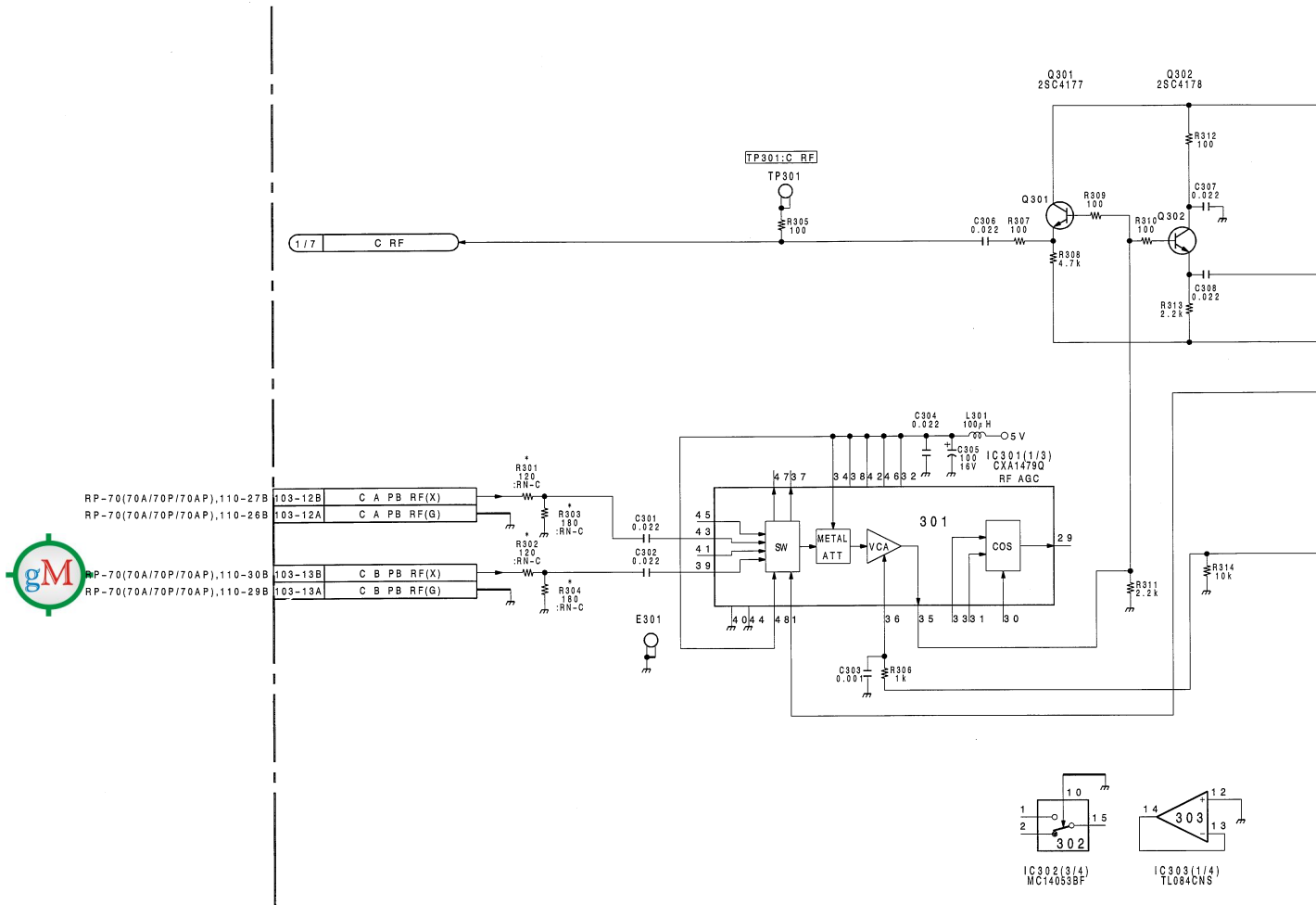
VP-43/43A(1-648-899-11, 12)

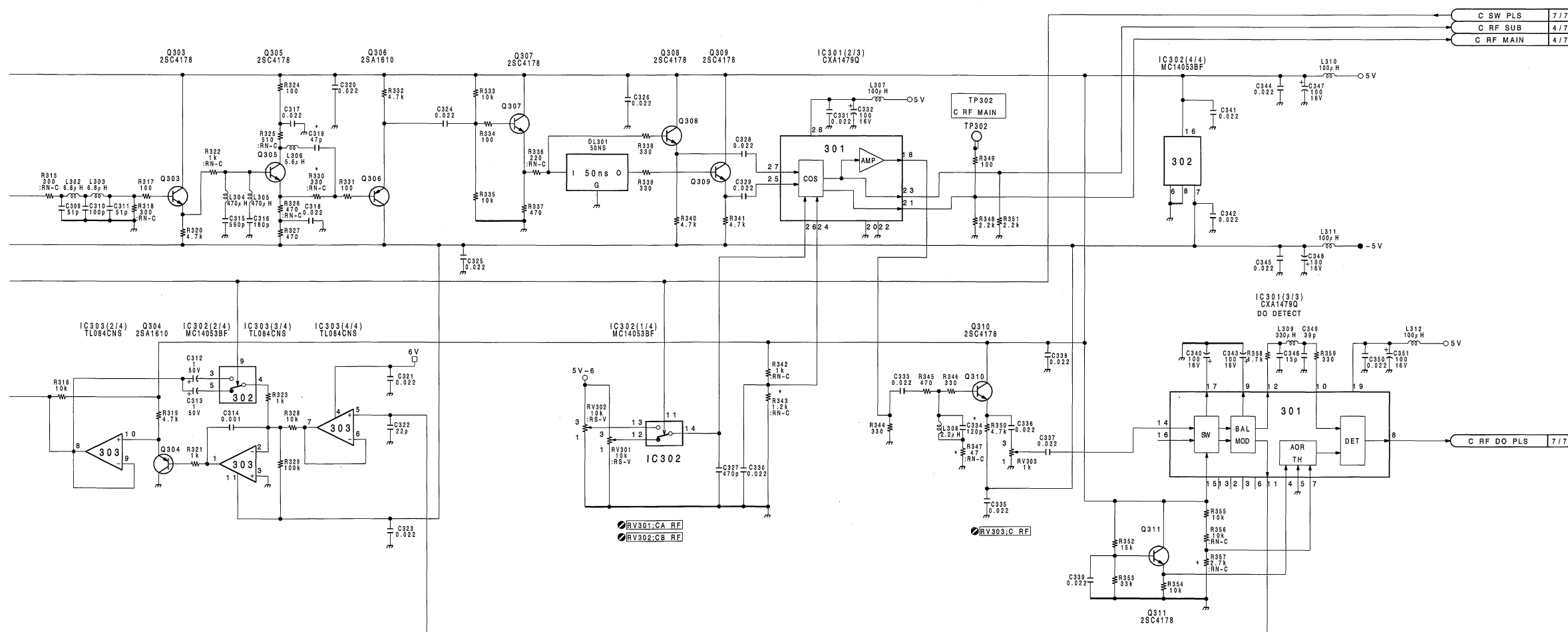
1	CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
2	DL301	J-4			*Q513	B-2	TH201	P-2
			*Q101	N-5	*Q514	B-3	TH401	J-2
			*Q102	N-4	*Q515	B-2		
	*D201	N-2	*Q103	N-5	*Q516	B-2	TH601	D-2
	*D401	J-2	*Q104	N-4	*Q517	B-3	TH601	D-1
	*D501	A-2	*Q105	N-4	*Q601	F-5		
	*D502	B-2	*Q106	N-3	*Q602	F-5	TP101	L-2
	*D503	B-3	*Q107	N-3	Q603	E-5	TP102	P-1
	*D504	B-4	*Q108	N-4	Q604	F-5	TP103	L-1
	*D601	D-2	*Q109	N-4	Q605	F-5	TP104	P-3
	△*D602	E-2	*Q110	P-4	Q606	F-5	TP201	P-1
	*D701	R-4	*Q111	P-5	Q607	E-5	TP301	H-1
			*Q112	P-5	Q608	F-5	TP302	J-3
	E101	P-6	*Q201	M-2	Q609	E-4	TP401	L-1
	E102	N-1	*Q202	N-1	Q610	F-4		
	E201	R-1	*Q203	P-2	Q611	F-5		
	E301	K-5	*Q204	N-2	Q612	F-5		
	E401	G-2	*Q205	P-2	*Q613	D-4		
	E501	B-2	*Q206	P-2	*Q614	D-3		
	E502	B-6	*Q207	N-2	*Q615	D-3		
	E601	E-4	*Q208	N-1	*Q616	C-3		
3	E602	D-1	*Q209	N-1	*Q617	C-3		
	E701	F-2	*Q210	N-1	*Q618	F-2		
			*Q211	P-2	*Q619	F-2		
	FL201	M-1	*Q212	P-1	*Q620	F-3		
	FL401	H-1	*Q213	R-2	*Q621	F-3		
	FL601	E-2	*Q214	R-2	*Q622	E-3		
			*Q215	P-1	*Q623	D-3		
	IC101	P-4	*Q216	N-2	*Q624	D-1		
	IC102	M-5	*Q217	M-2	*Q625	E-4		
	IC103	N-5	*Q218	M-2	*Q626	D-4		
	IC104	L-5	*Q219	M-2	*Q627	D-1		
	IC201	L-3	*Q220	M-2	*Q628	D-1		
	IC202	M-2	*Q301	J-4	*Q701	E-2		
	IC203	M-1	*Q302	J-4	*Q702	F-2		
	IC204	P-1	*Q303	H-4	*Q703	E-2		
	IC205	L-2	*Q304	H-5	*Q704	F-2		
	IC301	K-4	*Q305	H-4	*Q705	E-2		
	IC302	G-5	*Q306	H-3	*Q706	F-2		
	IC303	H-5	*Q307	J-3	*Q707	E-1		
	IC401	H-2	*Q308	J-4	*Q708	F-1		
4	IC402	H-1	*Q309	J-4	*Q709	F-2		
	IC403	K-1	*Q310	K-3	*Q710	F-1		
	IC404	G-2	*Q311	K-5	*Q711	F-2		
	IC501	A-5	*Q401	H-2	*Q712	F-2		
	IC502	A-2	*Q402	J-1	*Q713	F-1		
	IC503	A-2	*Q403	J-1	*Q714	E-1		
	IC504	B-2	*Q404	J-2				
	IC505	B-2	*Q405	J-1				
	IC506	A-3	*Q406	J-1	RV101	L-1		
	IC507	B-5	*Q407	J-1	RV102	K-1		
	IC508	C-4	*Q408	J-1	RV103	P-4		
	IC509	B-5	*Q409	J-2	RV201	M-3		
	IC510	B-4	*Q410	J-1	RV301	J-1		
	IC511	J-6	*Q411	J-2	RV302	H-1		
	IC512	G-6	*Q412	J-2	RV303	K-4		
	IC601	D-4	*Q413	K-2	RV401	H-3		
	IC602	D-4	*Q414	K-2	RV501	A-4		
	IC603	F-4	*Q415	K-2	RV502	A-4		
	IC604	F-3	*Q416	J-2	RV503	B-4		
	IC605	F-3	*Q417	H-2	RV504	B-4		
5	IC606	E-3	*Q418	H-2	RV505	B-4		
	IC607	F-3	*Q501	A-1	RV506	B-4		
	IC608	D-2	Q502	A-1	RV601	D-1		
	IC609	E-2	Q503	A-1	RV602	F-1		
	IC610	D-2	Q504	A-1	RV603	D-1		
	IC611	D-2	*Q505	A-5	RV604	D-1		
	IC612	C-2	*Q506	A-4	RV605	F-1		
	IC701	F-1	Q507	B-1	RV606	C-1		

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
△: 1-648-899-11 ONLY
◎: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P (EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P (EK) ; Serial No.13781 and higher

VP-43/43A/43P/43AP (3/7) ; C RF AGC/EQ,C DO DET.





REF NO.	UVW-1800		UVW-1600	
	J,UC	EK	J,UC	EK
R301	▲ 120	0	▲ 180	▲ 82
R302	▲ 120	0	▲ 180	▲ 82
R303	▲ 180	▲ 300	▲ 120	▲ 220
R304	▲ 180	▲ 300	▲ 120	▲ 220

REF NO	J,UC	EK
C319	47P	68P
C334	▲120P	▲100P
R330	▲330	▲470
R343	▲1200	▲1200
R347	47	47
R357	▲2700	▲2700

▲ = :RN-C

VP-43/43A
VP-43P/43AP BOARD (3 / 7)

BOARD NO.1-648-899-12
UVW-1800 (J) ;#10901-
UVW-1800 (UC) ;#13931-
UVW-1800P (EK) ;#14141-
UVW-1600 (J) ;#10601-
UVW-1600 (UC) ;#12901-
UVW-1600P (EK) ;#13781-

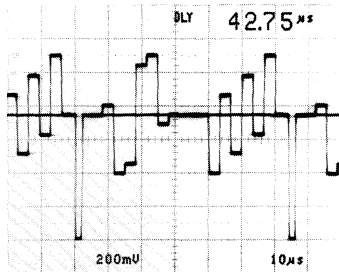
VP-43/43A(1-648-899-11, 12)

CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	*TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
		*Q201	M-2	Q608	F-5	TP302	J-3
E101	P-6	*Q202	N-1	Q609	E-4	TP401	L-1
E102	N-1	*Q203	P-2	Q610	F-4		
E201	R-1	*Q204	N-2	Q611	F-5		
E301	K-5	*Q205	P-2	Q612	F-5		
E401	G-2	*Q206	P-2	*Q613	D-4		
E501	B-2	*Q207	N-2	*Q614	D-3		
E502	B-6	*Q208	N-1	*Q615	D-3		
E601	E-4	*Q209	N-1	*Q616	C-3		
E602	D-1	*Q210	N-1	*Q617	C-3		
E701	F-2	*Q211	P-2	*Q618	F-2		
		*Q212	P-1	*Q619	F-2		
FL201	M-1	*Q213	R-2	*Q620	F-3		
FL401	H-1	*Q214	R-2	*Q621	F-3		
FL601	E-2	*Q215	P-1	*Q622	E-3		
		*Q216	N-2	*Q623	D-3		
IC101	P-4	*Q217	M-2	*Q624	D-1		
IC102	M-5	*Q218	M-2	*Q625	E-4		
IC103	N-5	*Q219	M-2	*Q626	D-4		
IC104	L-5	*Q220	M-2	*Q627	D-1		
IC201	L-3	*Q301	J-4	*Q628	D-1		
IC202	M-2	*Q302	J-4	*Q701	E-2		
IC203	M-1	*Q303	H-4	*Q702	F-2		
IC204	P-1	*Q304	H-5	*Q703	E-2		
IC205	L-2	*Q305	H-4	*Q704	F-2		
IC301	K-4	*Q306	H-3	*Q705	E-2		
IC302	G-5	*Q307	J-3	*Q706	F-2		
IC303	H-5	*Q308	J-4	*Q707	E-1		
IC401	H-2	*Q309	J-4	*Q708	F-1		
IC402	H-1	*Q310	K-3	*Q709	F-2		
IC403	K-1	*Q311	K-5	*Q710	F-1		
IC404	G-2	*Q401	H-2	*Q711	F-2		
IC501	A-5	*Q402	J-1	*Q712	F-2		
IC502	A-2	*Q403	J-1	*Q713	F-1		
IC503	A-2	*Q404	J-2	*Q714	E-1		
IC504	B-2	*Q405	J-1				
IC505	B-2	*Q406	J-1	RV101	L-1		
IC506	A-3	*Q407	J-1	RV102	K-1		
IC507	B-5	*Q408	J-1	RV103	P-4		
IC508	C-4	*Q409	J-2	RV201	M-3		
IC509	B-5	*Q410	J-1	RV301	J-1		
IC510	B-4	*Q411	J-2	RV302	H-1		
IC511	J-6	*Q412	J-2	RV303	K-4		
IC512	G-6	*Q413	K-2	RV401	H-3		
IC601	D-4	*Q414	K-2	RV501	A-4		
IC602	D-4	*Q415	K-2	RV502	A-4		
IC603	F-4	*Q416	J-2	RV503	B-4		
IC604	F-3	*Q417	H-2	RV504	B-4		
IC605	F-3	*Q418	H-2	RV505	B-4		
IC606	E-3	*Q501	A-1	RV506	B-4		
IC607	F-3	Q502	A-1	RV601	D-1		
IC608	D-2	Q503	A-1	RV602	F-1		
IC609	E-2	Q504	A-1	RV603	D-1		
IC610	D-2	*Q505	A-5	RV604	D-1		
IC611	D-2	*Q506	A-4	RV605	F-1		
IC612	C-2	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

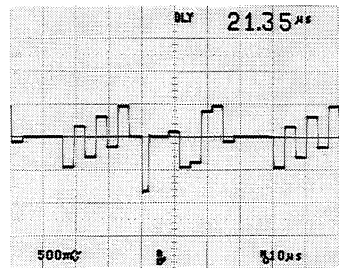
For J,UC

① TP401 PB



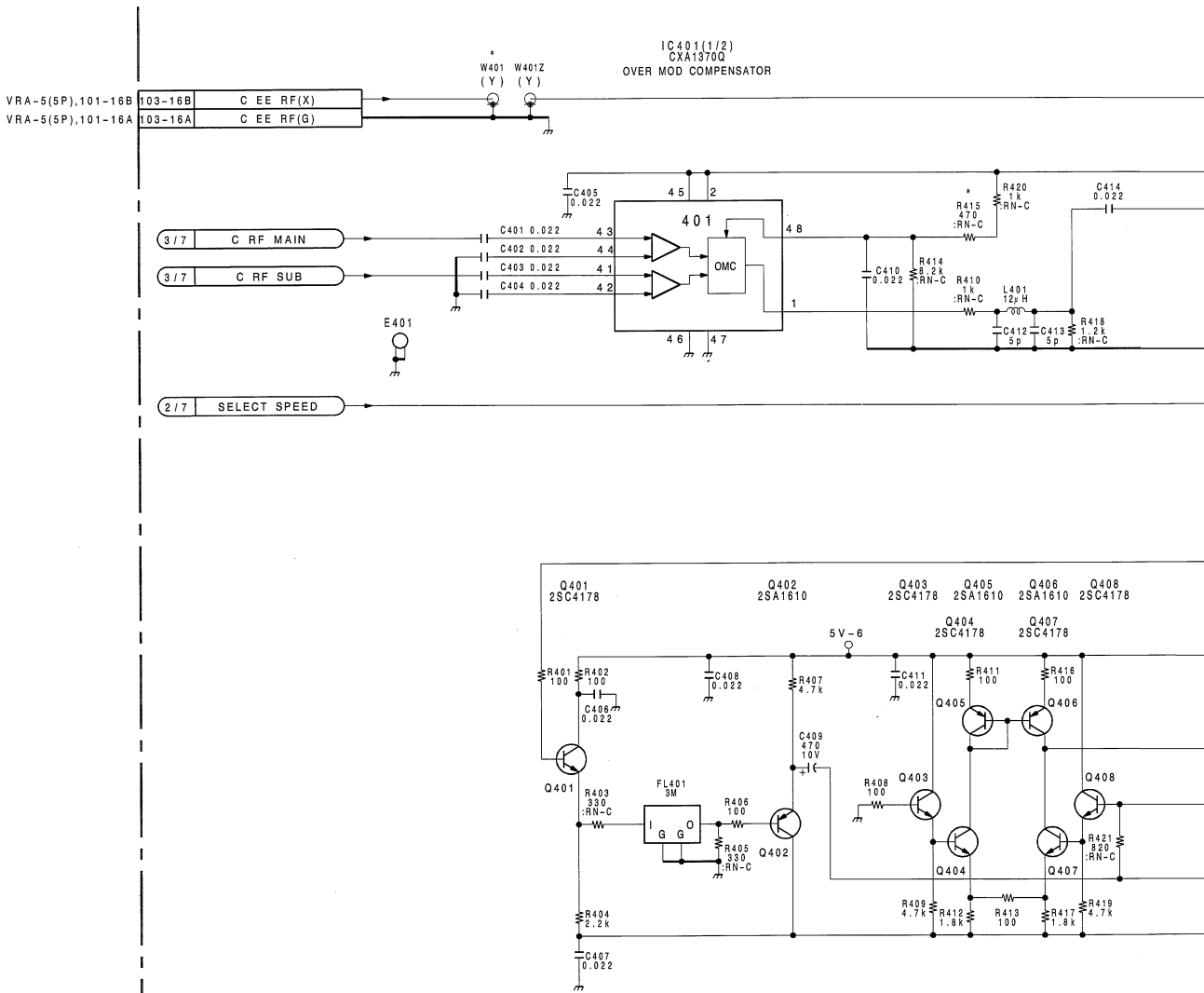
For EK

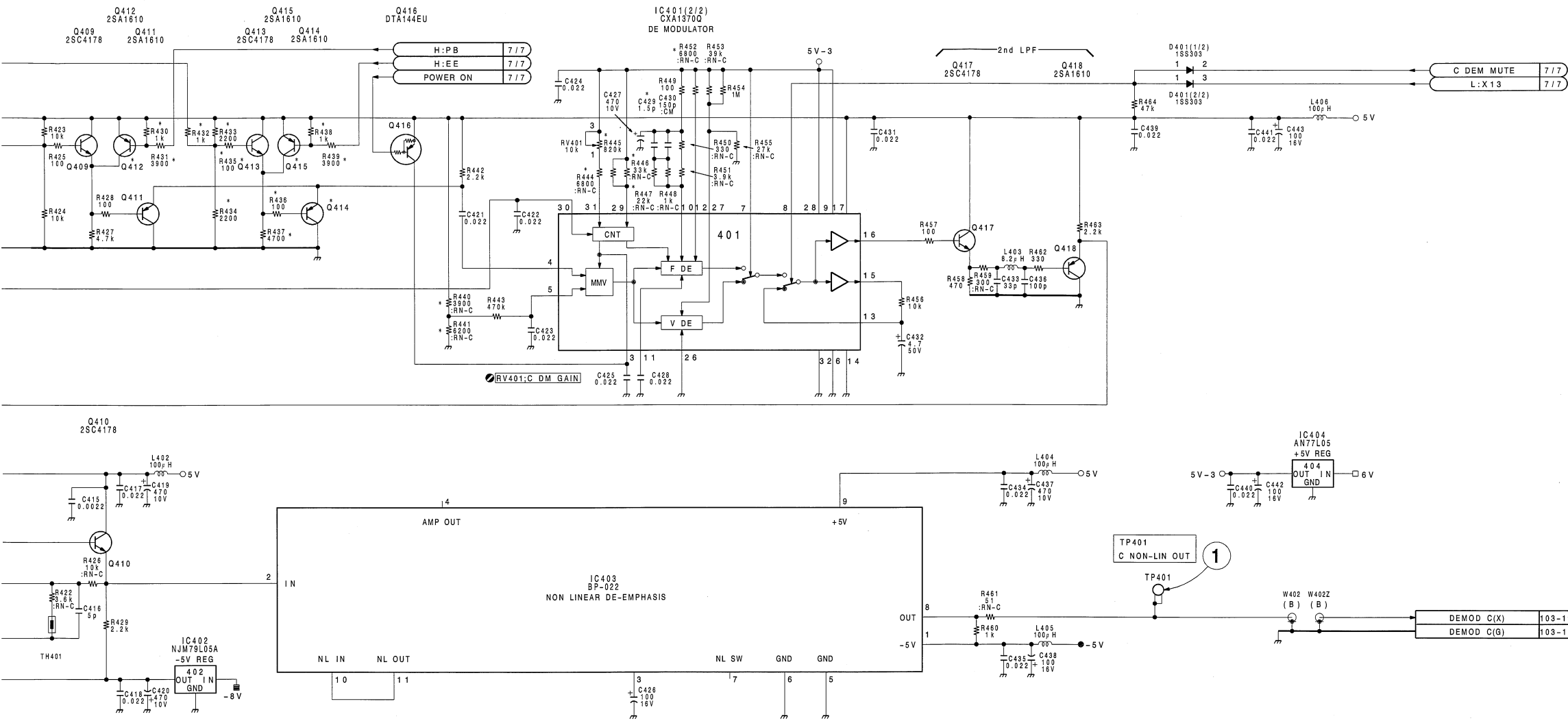
① TP401 PB



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P (EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P (EK) ; Serial No.13781 and higher

VP-43/43A/43P/43AP (4/7) ; C OMC, C DEM, C NL DE-EMPH.





*

REF NO.	UVW-1800	UVW-1600
Q412	2SA1610	N' M
Q413	2SC4178	N' M
Q414	2SA1610	N' M
Q415	2SA1610	N' M
R430	1000	N' M
R431	3900	N' M
R432	1000	N' M
R433	2200	N' M
R434	2200	N' M
R435	100	N' M
R436	100	N' M
R437	4700	N' M
R438	1000	N' M
R439	3900	N' M
W401	1-952-613-11	N' M

*

REF NO.	J,UC	EK
C429	1.5P	5P
R415	▲ 470	▲ 470
R440	▲ 3900	▲ 4700
R441	▲ 6200	▲ 4700
R444	▲ 6800	▲ 5600
R445	820K	N' M
R446	▲ 33K	▲ 33K
R447	▲ 22K	▲ 18K
R452	▲ 6800	▲ 5600

▲ = :RN-C

VP-43/43A
VP-43P/43AP BOARD (4 / 7)

BOARD NO.1-648-899-12
UVW-1800 (J) ; #10901-
UVW-1800 (UC) ; #13931-
UVW-1800P (EK) ; #14141-
UVW-1600 (J) ; #10601-
UVW-1600 (UC) ; #12901-
UVW-1600P (EK) ; #13781-

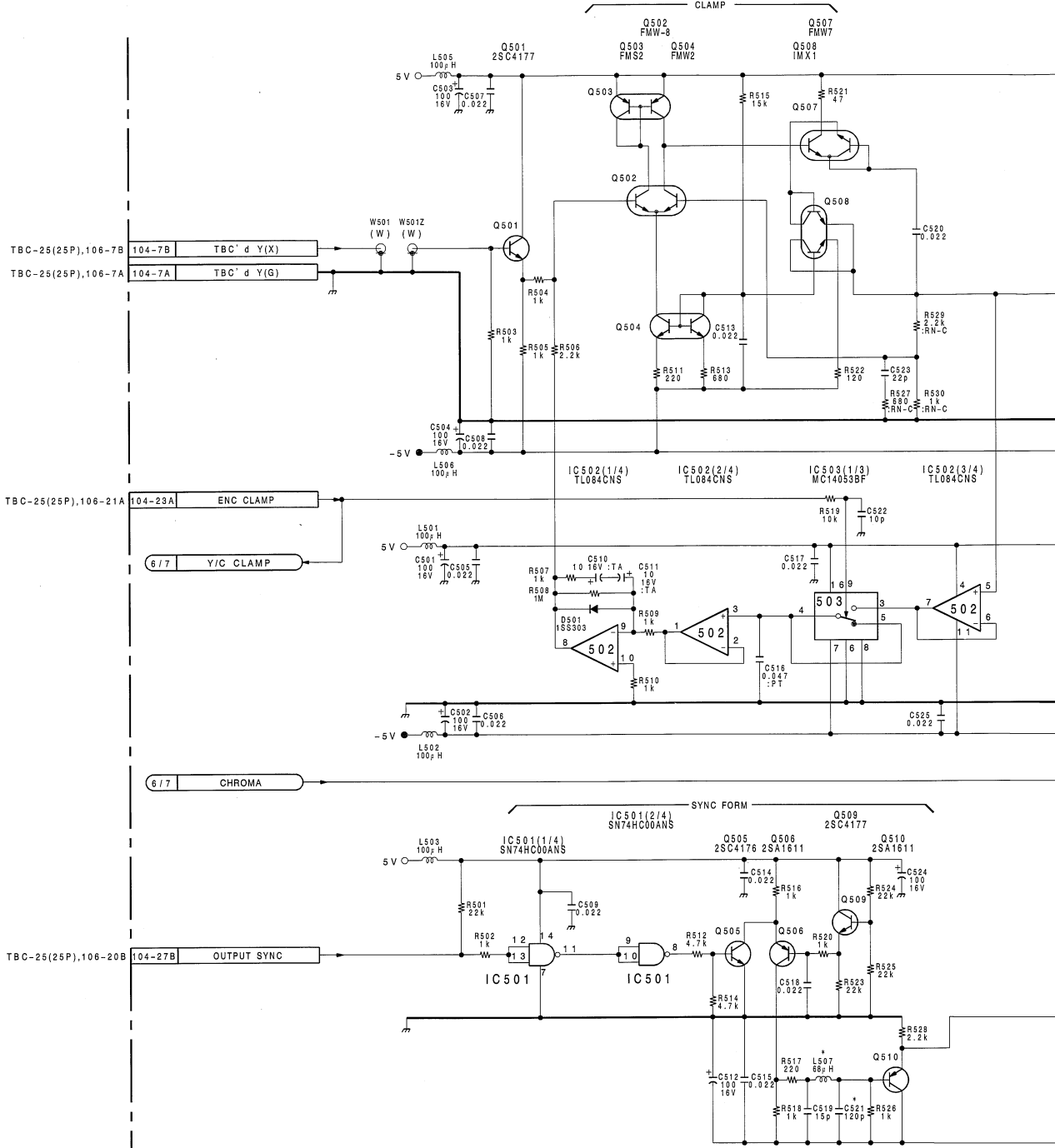
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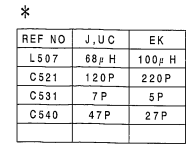
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	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
	DL301	J-4			*Q513	B-2	TH201	P-2
			*Q101	N-5	Q514	B-3	TH401	J-2
			*Q102	N-4	Q515	B-2		
	*D201	N-2	*Q103	N-5	*Q516	B-2	TH601	D-2
	*D401	J-2	*Q104	N-4	Q517	B-3	TH601	D-1
	*D501	A-2	*Q105	N-4	*Q601	F-5		
	*D502	B-2	*Q106	N-3	*Q602	F-5	TP101	L-2
	*D503	B-3	*Q107	N-3	Q603	E-5	TP102	P-1
	*D504	B-4	*Q108	N-4	Q604	F-5	TP103	L-1
	*D601	D-2	*Q109	N-4	Q605	F-5	TP104	P-3
	△*D602	E-2	*Q110	P-4	Q606	F-5	TP201	P-1
	*D701	R-4	*Q111	P-5	Q607	E-5	TP301	H-1
			*Q112	P-5	Q608	F-5	TP302	J-3
	E101	P-6	*Q201	M-2	Q609	E-4	TP401	L-1
	E102	N-1	*Q202	N-1	Q610	F-4		
2	E201	R-1	*Q203	P-2	Q611	F-5		
	E301	K-5	*Q204	N-2	Q612	F-5		
	E401	G-2	*Q205	P-2	*Q613	D-4		
	E501	B-2	*Q206	P-2	*Q614	D-3		
	E502	B-6	*Q207	N-2	*Q615	D-3		
	E601	E-4	*Q208	N-1	*Q616	C-3		
	E602	D-1	*Q209	N-1	*Q617	C-3		
	E701	F-2	*Q210	N-1	*Q618	F-2		
			*Q211	P-2	*Q619	F-2		
	FL201	M-1	*Q212	P-1	*Q620	F-3		
	FL401	H-1	*Q213	R-2	*Q621	F-3		
	FL601	E-2	*Q214	R-2	*Q622	E-3		
			*Q215	P-1	*Q623	D-3		
	IC101	P-4	*Q216	N-2	*Q624	D-1		
	IC102	M-5	*Q217	M-2	*Q625	E-4		
3	IC103	N-5	*Q218	M-2	*Q626	D-4		
	IC104	L-5	*Q219	M-2	*Q627	D-1		
	IC201	L-3	*Q220	M-2	*Q628	D-1		
	IC202	M-2	*Q301	J-4	*Q701	E-2		
	IC203	M-1	*Q302	J-4	*Q702	F-2		
	IC204	P-1	*Q303	H-4	*Q703	E-2		
	IC205	L-2	*Q304	H-5	*Q704	F-2		
	IC301	K-4	*Q305	H-4	*Q705	E-2		
	IC302	G-5	*Q306	H-3	*Q706	F-2		
	IC303	H-5	*Q307	J-3	*Q707	E-1		
	IC401	H-2	*Q308	J-4	*Q708	F-1		
	IC402	H-1	*Q309	J-4	*Q709	F-2		
	IC403	K-1	*Q310	K-3	*Q710	F-1		
	IC404	G-2	*Q311	K-5	*Q711	F-2		
	IC501	A-5	*Q401	H-2	*Q712	F-2		
4	IC502	A-2	*Q402	J-1	*Q713	F-1		
	IC503	A-2	*Q403	J-1	*Q714	E-1		
	IC504	B-2	*Q404	J-2				
	IC505	B-2	*Q405	J-1				
	IC506	A-3	*Q406	J-1	RV101	L-1		
	IC507	B-5	*Q407	J-1	RV102	K-1		
	IC508	C-4	*Q408	J-1	RV103	P-4		
	IC509	B-5	*Q409	J-2	RV201	M-3		
	IC510	B-4	*Q410	J-1	RV301	J-1		
	IC511	J-6	*Q411	J-2	RV302	H-1		
	IC512	G-6	*Q412	J-2	RV303	K-4		
	IC601	D-4	*Q413	K-2	RV401	H-3		
	IC602	D-4	*Q414	K-2	RV501	A-4		
	IC603	F-4	*Q415	K-2	RV502	A-4		
	IC604	F-3	*Q416	J-2	RV503	B-4		
	IC605	F-3	*Q417	H-2	RV504	B-4		
	IC606	E-3	*Q418	H-2	RV505	B-4		
	IC607	F-3	*Q501	A-1	RV506	B-4		
	IC608	D-2	Q502	A-1	RV601	D-1		
	IC609	E-2	Q503	A-1	RV602	F-1		
	IC610	D-2	Q504	A-1	RV603	D-1		
	IC611	D-2	*Q505	A-5	RV604	D-1		
	IC612	C-2	*Q506	A-4	RV605	F-1		
	IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P(EK) ; Serial No.13781 and higher

VP-43/43A/43P/43AP(5/7);Y/S-Y OUT DRIVE,COMPOSITE OUT DRIVE CHARA/SYNC MIX





BOARD NO.1-648-899-12
UVW-1800 (J) ; 10901-
UVW-1800 (UC) ; 13931-
UVW-1800P (EK) ; 14141-
UVW-1600 (J) ; 10601-
UVW-1600 (UC) ; 12901-
UVW-1600P (EK) ; 13781-

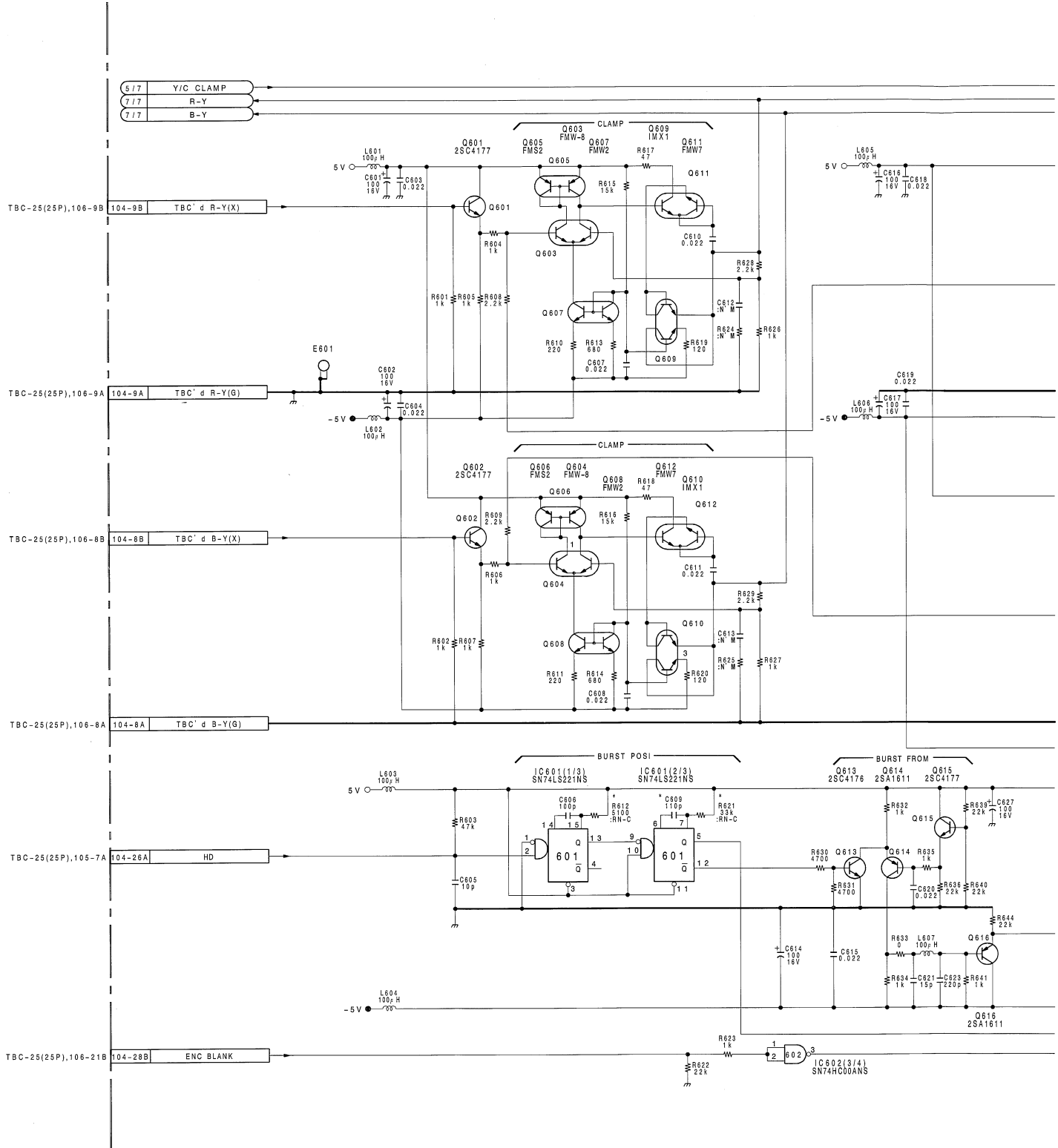
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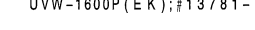
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	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
	DL301	J-4			*Q513	B-2	TH201	P-2
			*Q101	N-5	Q514	B-3	TH401	J-2
			*Q102	N-4	*Q515	B-2		
	*D201	N-2	*Q103	N-5	*Q516	B-2	TH601	D-2
	*D401	J-2	*Q104	N-4	Q517	B-3	TH601	D-1
	*D501	A-2	*Q105	N-4	*Q601	F-5		
	*D502	B-2	*Q106	N-3	*Q602	F-5	TP101	L-2
	*D503	B-3	*Q107	N-3	Q603	E-5	TP102	P-1
	*D504	B-4	*Q108	N-4	Q604	F-5	TP103	L-1
	*D601	D-2	*Q109	N-4	Q605	F-5	TP104	P-3
△	*D602	E-2	*Q110	P-4	Q606	F-5	TP201	P-1
	*D701	R-4	*Q111	P-5	Q607	E-5	TP301	H-1
			*Q112	P-5	Q608	F-5	TP302	J-3
	E101	P-6	*Q201	M-2	Q609	E-4	TP401	L-1
	E102	N-1	*Q202	N-1	Q610	F-4		
2	E201	R-1	*Q203	P-2	Q611	F-5		
	E301	K-5	*Q204	N-2	Q612	F-5		
	E401	G-2	*Q205	P-2	*Q613	D-4		
	E501	B-2	*Q206	P-2	*Q614	D-3		
	E502	B-6	*Q207	N-2	*Q615	D-3		
	E601	E-4	*Q208	N-1	*Q616	C-3		
	E602	D-1	*Q209	N-1	*Q617	C-3		
	E701	F-2	*Q210	N-1	*Q618	F-2		
			*Q211	P-2	*Q619	F-2		
	FL201	M-1	*Q212	P-1	*Q620	F-3		
	FL401	H-1	*Q213	R-2	*Q621	F-3		
	FL601	E-2	*Q214	R-2	*Q622	E-3		
			*Q215	P-1	*Q623	D-3		
	IC101	P-4	*Q216	N-2	*Q624	D-1		
	IC102	M-5	*Q217	M-2	*Q625	E-4		
	IC103	N-5	*Q218	M-2	*Q626	D-4		
	IC104	L-5	*Q219	M-2	*Q627	D-1		
	IC201	L-3	*Q220	M-2	*Q628	D-1		
3	IC202	M-2	*Q301	J-4	*Q701	E-2		
	IC203	M-1	*Q302	J-4	*Q702	F-2		
	IC204	P-1	*Q303	H-4	*Q703	E-2		
	IC205	L-2	*Q304	H-5	*Q704	F-2		
	IC301	K-4	*Q305	H-4	*Q705	E-2		
	IC302	G-5	*Q306	H-3	*Q706	F-2		
	IC303	H-5	*Q307	J-3	*Q707	E-1		
	IC401	H-2	*Q308	J-4	*Q708	F-1		
	IC402	H-1	*Q309	J-4	*Q709	F-2		
	IC403	K-1	*Q310	K-3	*Q710	F-1		
	IC404	G-2	*Q311	K-5	*Q711	F-2		
	IC501	A-5	*Q401	H-2	*Q712	F-2		
	IC502	A-2	*Q402	J-1	*Q713	F-1		
	IC503	A-2	*Q403	J-1	*Q714	E-1		
	IC504	B-2	*Q404	J-2				
	IC505	B-2	*Q405	J-1	RV101	L-1		
	IC506	A-3	*Q406	J-1	RV102	K-1		
	IC507	B-5	*Q407	J-1	RV103	P-4		
	IC508	C-4	*Q408	J-1	RV201	M-3		
4	IC509	B-5	*Q409	J-2	RV301	J-1		
	IC510	B-4	*Q410	J-1	RV302	H-1		
	IC511	J-6	*Q411	J-2	RV303	K-4		
	IC512	G-6	*Q412	J-2	RV401	H-3		
	IC601	D-4	*Q413	K-2	RV501	A-4		
	IC602	D-4	*Q414	K-2	RV502	A-4		
	IC603	F-4	*Q415	K-2	RV503	B-4		
	IC604	F-3	*Q416	J-2	RV504	B-4		
	IC605	F-3	*Q417	H-2	RV505	B-4		
	IC606	E-3	*Q418	H-2	RV506	B-4		
	IC607	F-3	*Q501	A-1	RV601	D-1		
	IC608	D-2	Q502	A-1	RV602	F-1		
	IC609	E-2	Q503	A-1	RV603	D-1		
	IC610	D-2	Q504	A-1	RV604	D-1		
	IC611	D-2	*Q505	A-5	RV605	F-1		
	IC612	C-2	*Q506	A-4	RV606	C-1		
	IC701	F-1	Q507	B-1				

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
△: 1-648-899-11 ONLY
◎: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P(EK) ; Serial No.13781 and higher

VP-43/43A/43P/43AP(6/7) ; ENCODE, S-C OUT DRIVE




$$\blacktriangle = \text{:RN-C}$$

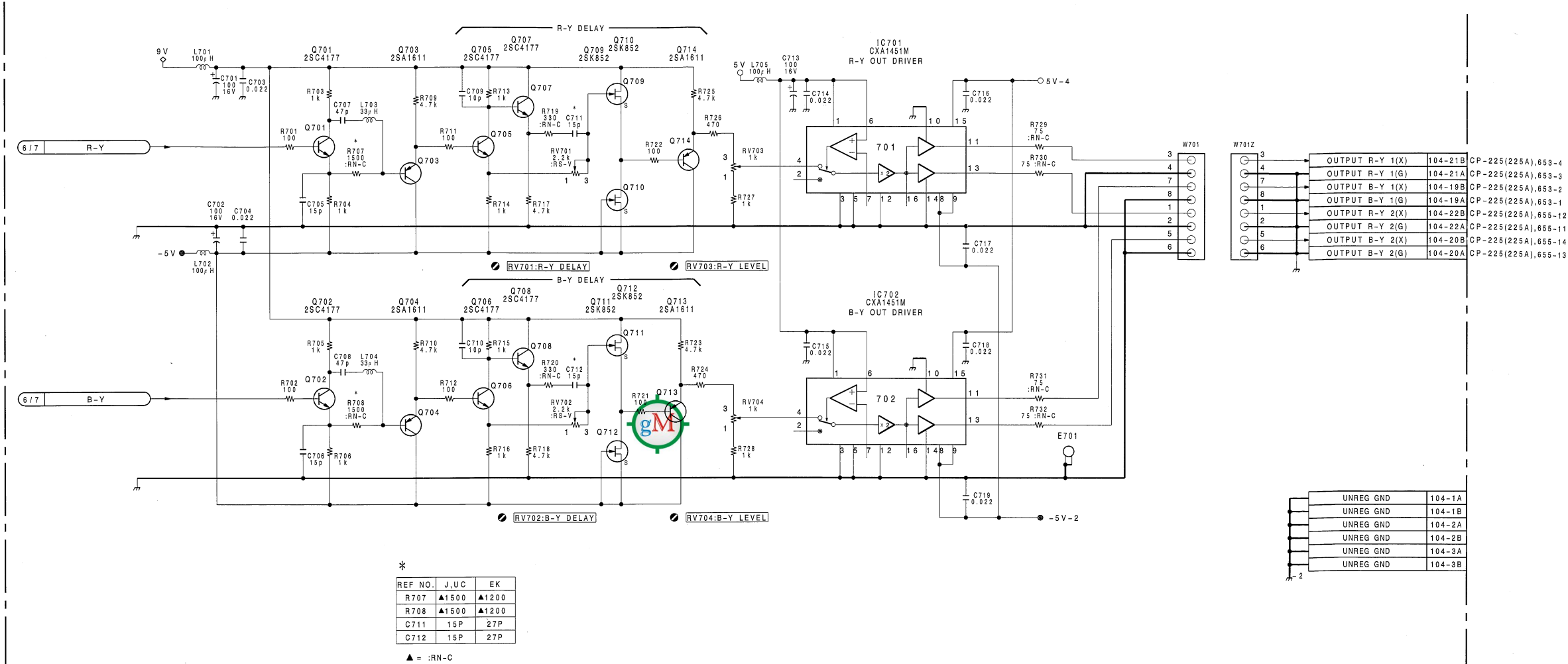
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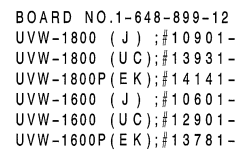
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CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	◎ TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	● *TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△ *D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
E201	R-1	*Q203	P-2	Q610	F-4		
E301	K-5	*Q204	N-2	Q611	F-5		
E401	G-2	*Q205	P-2	Q612	F-5		
E501	B-2	*Q206	P-2	*Q613	D-4		
E502	B-6	*Q207	N-2	*Q614	D-3		
E601	E-4	*Q208	N-1	*Q615	D-3		
E602	D-1	*Q209	N-1	*Q616	C-3		
E701	F-2	*Q210	N-1	*Q617	C-3		
		*Q211	P-2	*Q618	F-2		
FL201	M-1	*Q212	P-1	*Q619	F-2		
FL401	H-1	*Q213	R-2	*Q620	F-3		
FL601	E-2	*Q214	R-2	*Q621	F-3		
		*Q215	P-1	*Q622	E-3		
IC101	P-4	*Q216	N-2	*Q623	D-3		
IC102	M-5	*Q217	M-2	*Q624	D-1		
IC103	N-5	*Q218	M-2	*Q625	E-4		
IC104	L-5	*Q219	M-2	*Q626	D-4		
IC201	L-3	*Q220	M-2	*Q627	D-1		
IC202	M-2	*Q301	J-4	*Q628	D-1		
IC203	M-1	*Q302	J-4	*Q701	E-2		
IC204	P-1	*Q303	H-4	*Q702	F-2		
IC205	L-2	*Q304	H-5	*Q703	E-2		
IC301	K-4	*Q305	H-4	*Q704	F-2		
IC302	G-5	*Q306	H-3	*Q705	E-2		
IC303	H-5	*Q307	J-3	*Q706	F-2		
IC401	H-2	*Q308	J-4	*Q707	E-1		
IC402	H-1	*Q309	J-4	*Q708	F-1		
IC403	K-1	*Q310	K-3	*Q709	F-2		
IC404	G-2	*Q311	K-5	*Q710	F-1		
IC501	A-5	*Q401	H-2	*Q711	F-2		
IC502	A-2	*Q402	J-1	*Q712	F-2		
IC503	A-2	*Q403	J-1	*Q713	F-1		
IC504	B-2	*Q404	J-2	*Q714	E-1		
IC505	B-2	*Q405	J-1				
IC506	A-3	*Q406	J-1	RV101	L-1		
IC507	B-5	*Q407	J-1	RV102	K-1		
IC508	C-4	*Q408	J-1	RV103	P-4		
IC509	B-5	*Q409	J-2	RV201	M-3		
IC510	B-4	*Q410	J-1	RV301	J-1		
IC511	J-6	*Q411	J-2	RV302	H-1		
IC512	G-6	*Q412	J-2	RV303	K-4		
IC601	D-4	*Q413	K-2	RV401	H-3		
IC602	D-4	*Q414	K-2	RV501	A-4		
IC603	F-4	*Q415	K-2	RV502	A-4		
IC604	F-3	*Q416	J-2	RV503	B-4		
IC605	F-3	*Q417	H-2	RV504	B-4		
IC606	E-3	*Q418	H-2	RV505	B-4		
IC607	F-3	*Q501	A-1	RV506	B-4		
IC608	D-2	Q502	A-1	RV601	D-1		
IC609	E-2	Q503	A-1	RV602	F-1		
IC610	D-2	Q504	A-1	RV603	D-1		
IC611	D-2	*Q505	A-5	RV604	D-1		
IC612	C-2	*Q506	A-4	RV605	F-1		
IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ;Serial No.10901 and higher
UVW-1800 (UC);Serial No.13931 and higher
UVW-1800P(EK);Serial No.14141 and higher
UVW-1600 (J) ;Serial No.10601 and higher
UVW-1600 (UC);Serial No.12901 and higher
UVW-1600P(EK);Serial No.13781 and higher

VP-43/43A/43P/43AP(7/7);R-Y/B-Y OUT DRIVE





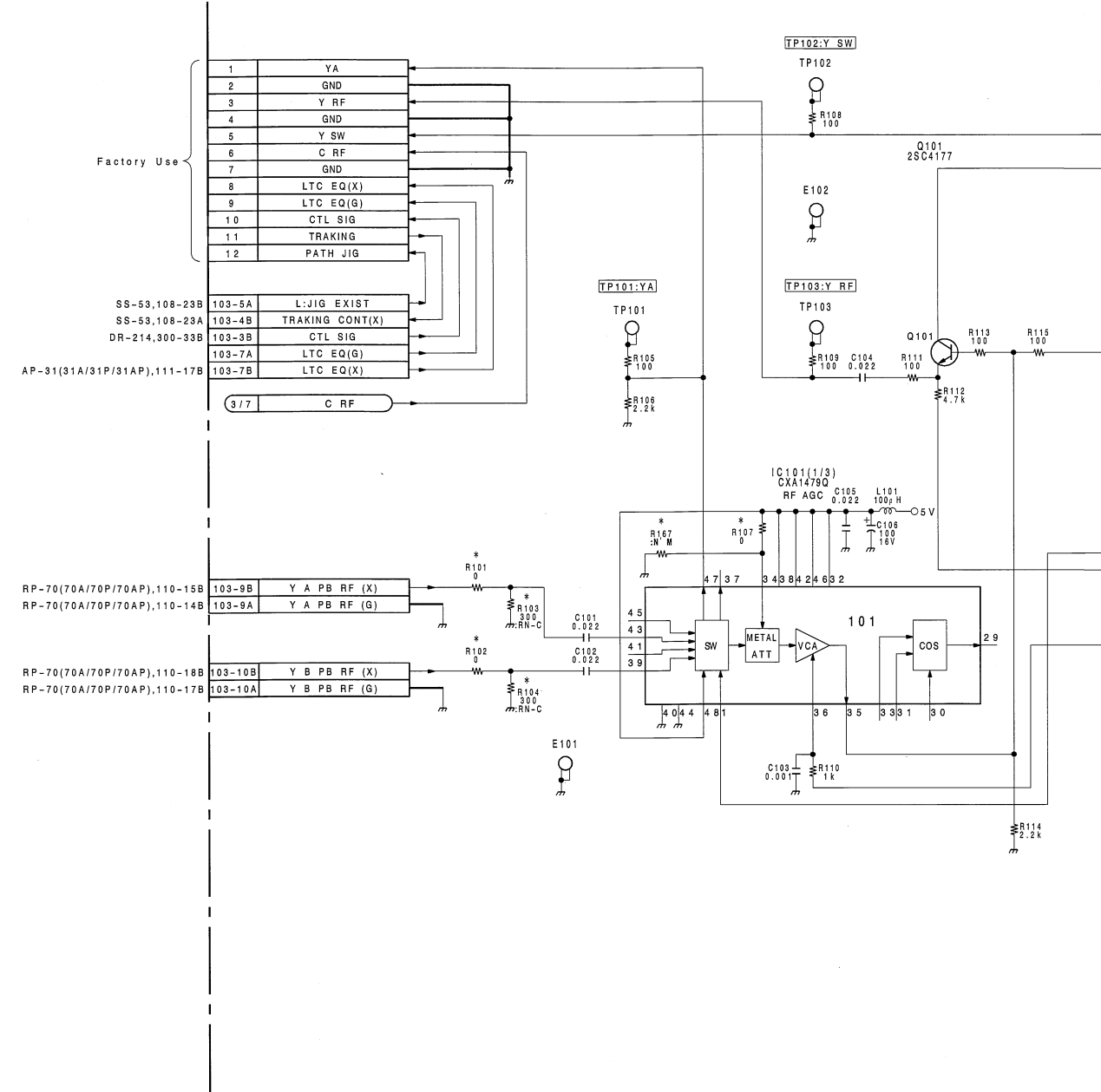
VP-43/43A(1-648-899-11, 12)

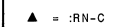
CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	◎ TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	● *TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
E201	R-1	*Q203	P-2	Q610	F-4		
E301	K-5	*Q204	N-2	Q611	F-5		
E401	G-2	*Q205	P-2	Q612	F-5		
E501	B-2	*Q206	P-2	*Q613	D-4		
E502	B-6	*Q207	N-2	*Q614	D-3		
E601	E-4	*Q208	N-1	*Q615	D-3		
E602	D-1	*Q209	N-1	*Q616	C-3		
E701	F-2	*Q210	N-1	*Q617	C-3		
		*Q211	P-2	*Q618	F-2		
FL201	M-1	*Q212	P-1	*Q619	F-2		
FL401	H-1	*Q213	R-2	*Q620	F-3		
FL601	E-2	*Q214	R-2	*Q621	F-3		
		*Q215	P-1	*Q622	E-3		
IC101	P-4	*Q216	N-2	*Q623	D-3		
IC102	M-5	*Q217	M-2	*Q624	D-1		
IC103	N-5	*Q218	M-2	*Q625	E-4		
IC104	L-5	*Q219	M-2	*Q626	D-4		
IC201	L-3	*Q220	M-2	*Q627	D-1		
IC202	M-2	*Q301	J-4	*Q628	D-1		
IC203	M-1	*Q302	J-4	*Q701	E-2		
IC204	P-1	*Q303	H-4	*Q702	F-2		
IC205	L-2	*Q304	H-5	*Q703	E-2		
IC301	K-4	*Q305	H-4	*Q704	F-2		
IC302	G-5	*Q306	H-3	*Q705	E-2		
IC303	H-5	*Q307	J-3	*Q706	F-2		
IC401	H-2	*Q308	J-4	*Q707	E-1		
IC402	H-1	*Q309	J-4	*Q708	F-1		
IC403	K-1	*Q310	K-3	*Q709	F-2		
IC404	G-2	*Q311	K-5	*Q710	F-1		
IC501	A-5	*Q401	H-2	*Q711	F-2		
IC502	A-2	*Q402	J-1	*Q712	F-2		
IC503	A-2	*Q403	J-1	*Q713	F-1		
IC504	B-2	*Q404	J-2	*Q714	E-1		
IC505	B-2	*Q405	J-1				
IC506	A-3	*Q406	J-1	RV101	L-1		
IC507	B-5	*Q407	J-1	RV102	K-1		
IC508	C-4	*Q408	J-1	RV103	P-4		
IC509	B-5	*Q409	J-2	RV201	M-3		
IC510	B-4	*Q410	J-1	RV301	J-1		
IC511	J-6	*Q411	J-2	RV302	H-1		
IC512	G-6	*Q412	J-2	RV303	K-4		
IC601	D-4	*Q413	K-2	RV401	H-3		
IC602	D-4	*Q414	K-2	RV501	A-4		
IC603	F-4	*Q415	K-2	RV502	A-4		
IC604	F-3	*Q416	J-2	RV503	B-4		
IC605	F-3	*Q417	H-2	RV504	B-4		
IC606	E-3	*Q418	H-2	RV505	B-4		
IC607	F-3	*Q501	A-1	RV506	B-4		
IC608	D-2	Q502	A-1	RV601	D-1		
IC609	E-2	Q503	A-1	RV602	F-1		
IC610	D-2	Q504	A-1	RV603	D-1		
IC611	D-2	*Q505	A-5	RV604	D-1		
IC612	C-2	*Q506	A-4	RV605	F-1		
IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

VP-43/43A/43P/43AP(1/7) ; Y RF AGC/EQ,Y DO DET.





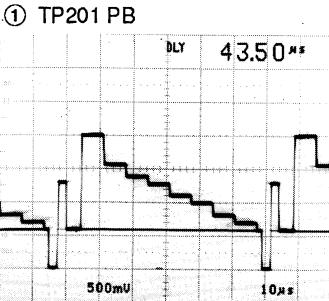
BOARD NO.1-648-899-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC) ;#10001-13930
UVW-1800P (EK) ;#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC) ;#10001-12900
UVW-1600P (EK) ;#10001-13780

VP-43/43A(1-648-899-11, 12)

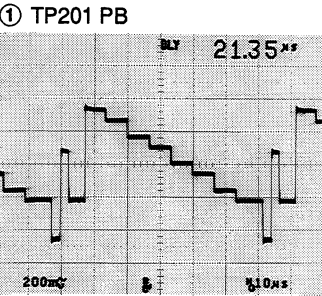
CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	*TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
		*Q201	M-2	Q608	F-5	TP302	J-3
E101	P-6	*Q202	N-1	Q609	E-4	TP401	L-1
E102	N-1	*Q203	P-2	Q610	F-4		
E201	R-1	*Q204	N-2	Q611	F-5		
E301	K-5	*Q205	P-2	Q612	F-5		
E401	G-2	*Q206	P-2	*Q613	D-4		
E501	B-2	*Q207	N-2	*Q614	D-3		
E502	B-6	*Q208	N-1	*Q615	D-3		
E601	E-4	*Q209	N-1	*Q616	C-3		
E602	D-1	*Q210	N-1	*Q617	C-3		
E701	F-2	*Q211	P-2	*Q618	F-2		
		*Q212	P-1	*Q619	F-2		
FL201	M-1	*Q213	R-2	*Q620	F-3		
FL401	H-1	*Q214	R-2	*Q621	F-3		
FL601	E-2	*Q215	P-1	*Q622	E-3		
		*Q216	N-2	*Q623	D-3		
IC101	P-4	*Q217	M-2	*Q624	D-1		
IC102	M-5	*Q218	M-2	*Q625	E-4		
IC103	N-5	*Q219	M-2	*Q626	D-4		
IC104	L-5	*Q220	M-2	*Q627	D-1		
IC201	L-3	*Q301	J-4	*Q628	D-1		
IC202	M-2	*Q302	J-4	*Q701	E-2		
IC203	M-1	*Q303	H-4	*Q702	F-2		
IC204	P-1	*Q304	H-5	*Q703	E-2		
IC205	L-2	*Q305	H-4	*Q704	F-2		
IC301	K-4	*Q306	H-3	*Q705	E-2		
IC302	G-5	*Q307	J-3	*Q706	F-2		
IC303	H-5	*Q308	J-4	*Q707	E-1		
IC401	H-2	*Q309	J-4	*Q708	F-1		
IC402	H-1	*Q310	K-3	*Q709	F-2		
IC403	K-1	*Q311	K-5	*Q710	F-1		
IC404	G-2	*Q401	H-2	*Q711	F-2		
IC501	A-5	*Q402	J-1	*Q712	F-2		
IC502	A-2	*Q403	J-1	*Q713	F-1		
IC503	A-2	*Q404	J-2	*Q714	E-1		
IC504	B-2	*Q405	J-1				
IC505	B-2	*Q406	J-1	RV101	L-1		
IC506	A-3	*Q407	J-1	RV102	K-1		
IC507	B-5	*Q408	J-1	RV103	P-4		
IC508	C-4	*Q409	J-2	RV201	M-3		
IC509	B-5	*Q410	J-1	RV301	J-1		
IC510	B-4	*Q411	J-2	RV302	H-1		
IC511	J-6	*Q412	J-2	RV303	K-4		
IC512	G-6	*Q413	K-2	RV401	H-3		
IC601	D-4	*Q414	K-2	RV501	A-4		
IC602	D-4	*Q415	K-2	RV502	A-4		
IC603	F-4	*Q416	J-2	RV503	B-4		
IC604	F-3	*Q417	H-2	RV504	B-4		
IC605	F-3	*Q418	H-2	RV505	B-4		
IC606	E-3	*Q501	A-1	RV506	B-4		
IC607	F-3	Q502	A-1	RV601	D-1		
IC608	D-2	Q503	A-1	RV602	F-1		
IC609	E-2	Q504	A-1	RV603	D-1		
IC610	D-2	*Q505	A-5	RV604	D-1		
IC611	D-2	*Q506	A-4	RV605	F-1		
IC612	C-2	Q507	B-1	RV606	C-1		
IC701	F-1						

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

For J,UC

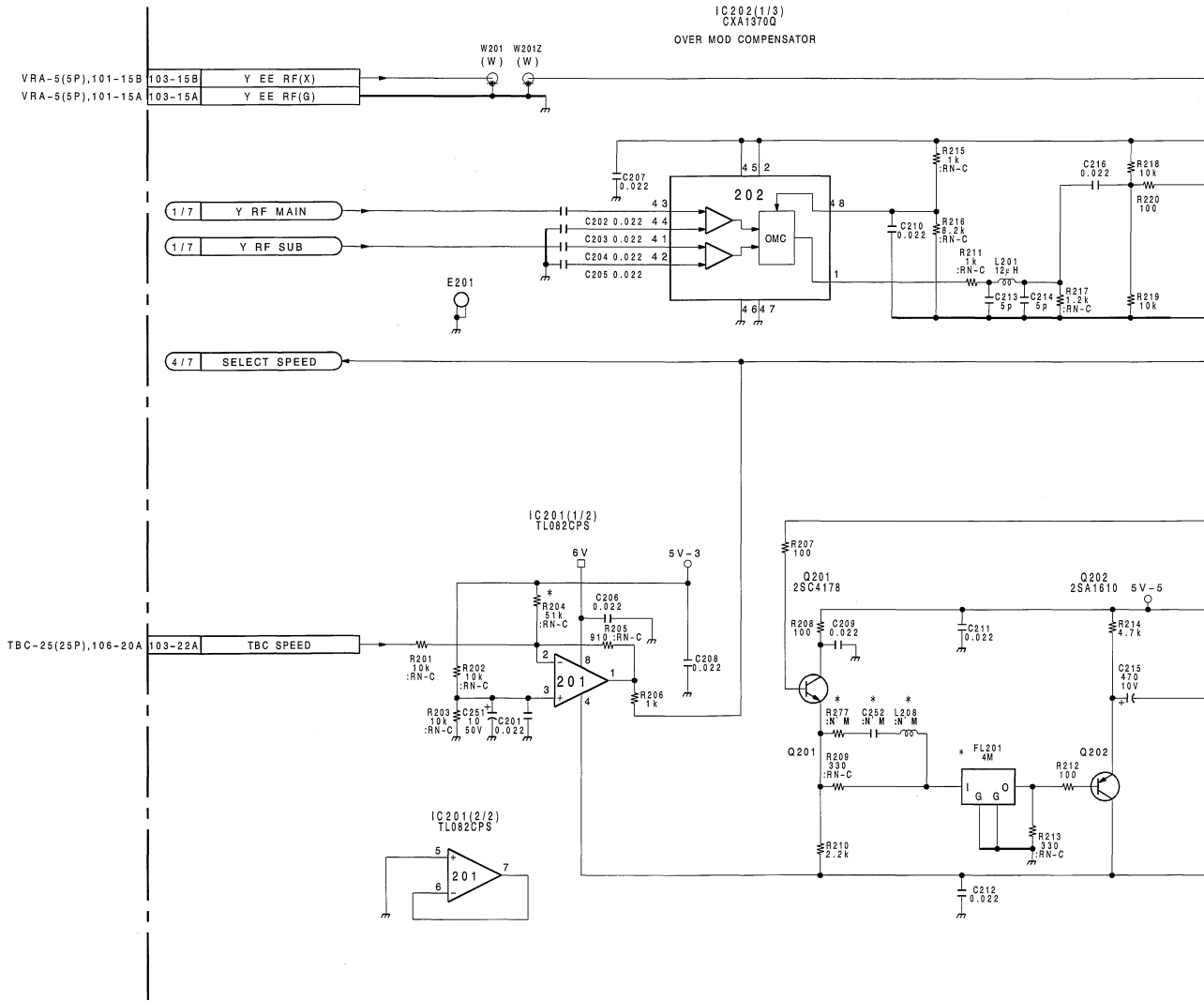


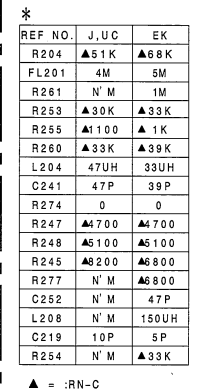
For EK



UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

VP-43/43A/43P/43AP (2/7) ; Y OMC, Y DEM, Y NL DE-EMPH.





▲ = :RN-C

VP-43P/43AP BOARD (2 / 7)

BOARD NO.1-648-899-11
UVW-1800 (J) ;# 10001-10900
UVW-1800 (UC) ;# 10001-13930
UVW-1800P(EK) ;# 10001-14140
UVW-1600 (J) ;# 10001-10600
UVW-1600 (UC) ;# 10001-12900
UVW-1600P(EK) ;# 10001-13780

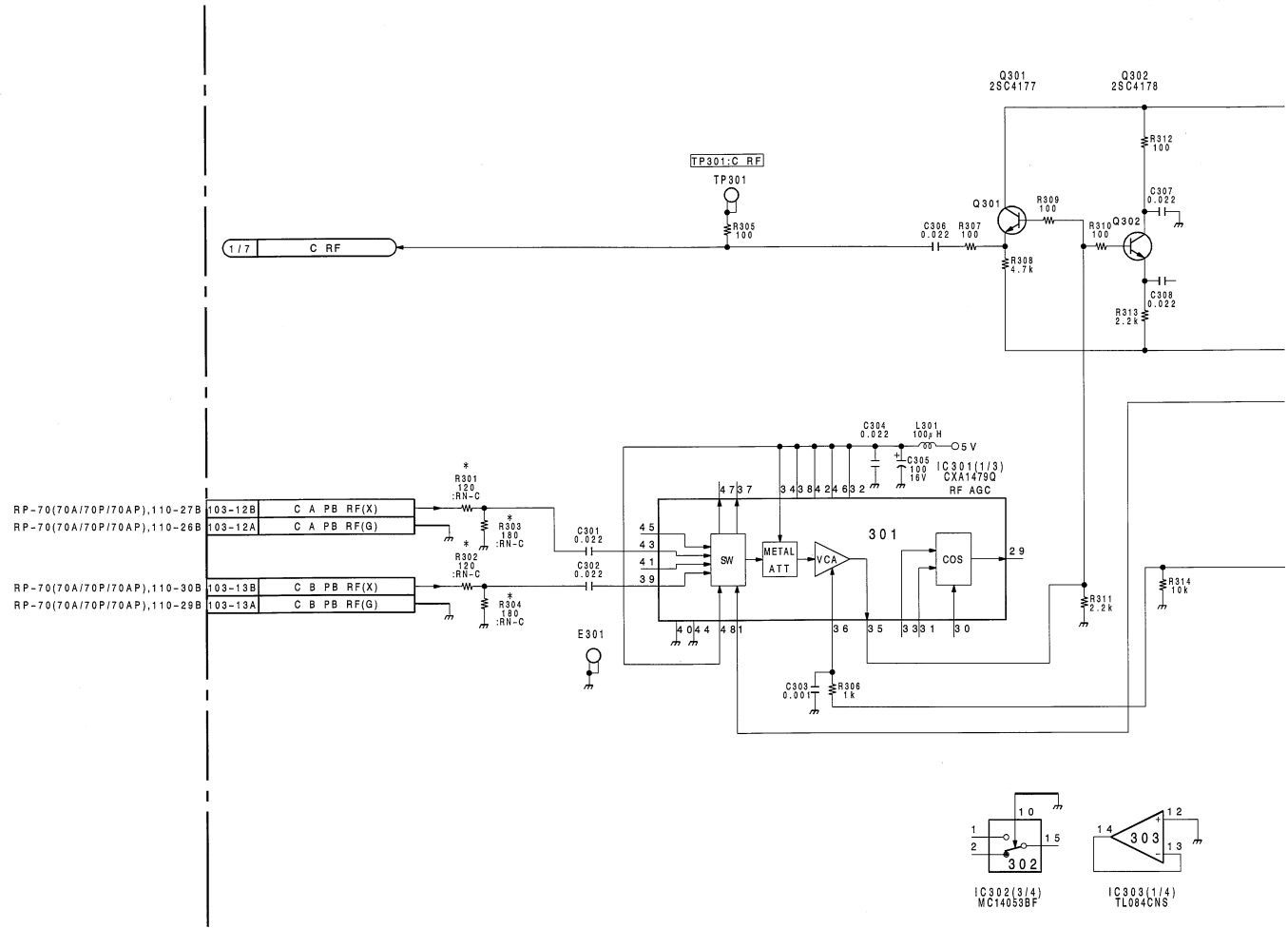
VP-43/43A(1-648-899-11, 12)

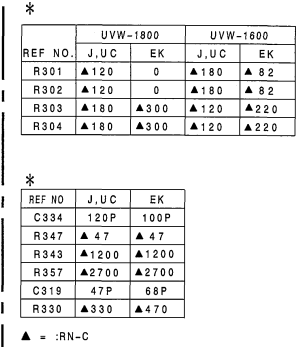
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	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
	DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
			*Q102	N-4	Q514	B-3	TH401	J-2
	*D201	N-2	*Q103	N-5	*Q515	B-2		
	*D401	J-2	*Q104	N-4	*Q516	B-2	TH601	D-2
	*D501	A-2	*Q105	N-4	Q517	B-3	*TH601	D-1
	*D502	B-2	*Q106	N-3	*Q601	F-5		
	*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
	*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
	*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
Δ	*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
	*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
			*Q112	P-5	Q607	E-5	TP301	H-1
	E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
	E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
	E201	R-1	*Q203	P-2	Q610	F-4		
	E301	K-5	*Q204	N-2	Q611	F-5		
	E401	G-2	*Q205	P-2	Q612	F-5		
	E501	B-2	*Q206	P-2	*Q613	D-4		
	E502	B-6	*Q207	N-2	*Q614	D-3		
	E601	E-4	*Q208	N-1	*Q615	D-3		
	E602	D-1	*Q209	N-1	*Q616	C-3		
	E701	F-2	*Q210	N-1	*Q617	C-3		
			*Q211	P-2	*Q618	F-2		
	FL201	M-1	*Q212	P-1	*Q619	F-2		
	FL401	H-1	*Q213	R-2	*Q620	F-3		
	FL601	E-2	*Q214	R-2	*Q621	F-3		
			*Q215	P-1	*Q622	E-3		
	IC101	P-4	*Q216	N-2	*Q623	D-3		
	IC102	M-5	*Q217	M-2	*Q624	D-1		
	IC103	N-5	*Q218	M-2	*Q625	E-4		
	IC104	L-5	*Q219	M-2	*Q626	D-4		
	IC201	L-3	*Q220	M-2	*Q627	D-1		
	IC202	M-2	*Q301	J-4	*Q628	D-1		
	IC203	M-1	*Q302	J-4	*Q701	E-2		
	IC204	P-1	*Q303	H-4	*Q702	F-2		
	IC205	L-2	*Q304	H-5	*Q703	E-2		
	IC301	K-4	*Q305	H-4	*Q704	F-2		
	IC302	G-5	*Q306	H-3	*Q705	E-2		
	IC303	H-5	*Q307	J-3	*Q706	F-2		
	IC401	H-2	*Q308	J-4	*Q707	E-1		
	IC402	H-1	*Q309	J-4	*Q708	F-1		
	IC403	K-1	*Q310	K-3	*Q709	F-2		
	IC404	G-2	*Q311	K-5	*Q710	F-1		
	IC501	A-5	*Q401	H-2	*Q711	F-2		
	IC502	A-2	*Q402	J-1	*Q712	F-2		
	IC503	A-2	*Q403	J-1	*Q713	F-1		
	IC504	B-2	*Q404	J-2	*Q714	E-1		
	IC505	B-2	*Q405	J-1				
	IC506	A-3	*Q406	J-1	RV101	L-1		
	IC507	B-5	*Q407	J-1	RV102	K-1		
	IC508	C-4	*Q408	J-1	RV103	P-4		
	IC509	B-5	*Q409	J-2	RV201	M-3		
	IC510	B-4	*Q410	J-1	RV301	J-1		
	IC511	J-6	*Q411	J-2	RV302	H-1		
	IC512	G-6	*Q412	J-2	RV303	K-4		
	IC601	D-4	*Q413	K-2	RV401	H-3		
	IC602	D-4	*Q414	K-2	RV501	A-4		
	IC603	F-4	*Q415	K-2	RV502	A-4		
	IC604	F-3	*Q416	J-2	RV503	B-4		
	IC605	F-3	*Q417	H-2	RV504	B-4		
	IC606	E-3	*Q418	H-2	RV505	B-4		
	IC607	F-3	*Q501	A-1	RV506	B-4		
	IC608	D-2	Q502	A-1	RV601	D-1		
	IC609	E-2	Q503	A-1	RV602	F-1		
	IC610	D-2	Q504	A-1	RV603	D-1		
	IC611	D-2	*Q505	A-5	RV604	D-1		
	IC612	C-2	*Q506	A-4	RV605	F-1		
	IC701	F-1	Q507	B-1	RV606	C-1		

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
Δ: 1-648-899-11 ONLY
⊙: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J)	; Serial No.10001 through 10900
UVW-1800 (UC)	; Serial No.10001 through 13930
UVW-1800P (EK)	; Serial No.10001 through 14140
UVW-1600 (J)	; Serial No.10001 through 10600
UVW-1600 (UC)	; Serial No.10001 through 12900
UVW-1600P (EK)	; Serial No.10001 through 13780

VP-43/43A/43P/43AP(3/7);C RF AGC/EQ,C DO DET.





BOARD NO.1-648-899-11
UVW-1800 (J) :#10001-10900
UVW-1800 (UC) :#10001-13930
UVW-1800P(EK) :#10001-14140
UVW-1600 (J) :#10001-10600
UVW-1600 (UC) :#10001-12900
UVW-1600P(EK) :#10001-13780

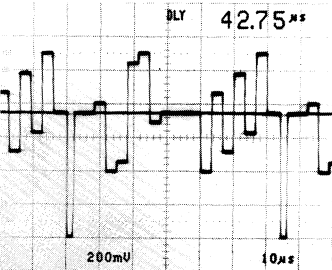
VP-43/43A(1-648-899-11, 12)

CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	*TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
		*Q201	M-2	Q608	F-5	TP302	J-3
E101	P-6	*Q202	N-1	Q609	E-4	TP401	L-1
E102	N-1	*Q203	P-2	Q610	F-4		
E201	R-1	*Q204	N-2	Q611	F-5		
E301	K-5	*Q205	P-2	Q612	F-5		
E401	G-2	*Q206	P-2	*Q613	D-4		
E501	B-2	*Q207	N-2	*Q614	D-3		
E502	B-6	*Q208	N-1	*Q615	D-3		
E601	E-4	*Q209	N-1	*Q616	C-3		
E602	D-1	*Q210	N-1	*Q617	C-3		
E701	F-2	*Q211	P-2	*Q618	F-2		
		*Q212	P-1	*Q619	F-2		
FL201	M-1	*Q213	R-2	*Q620	F-3		
FL401	H-1	*Q214	R-2	*Q621	F-3		
FL601	E-2	*Q215	P-1	*Q622	E-3		
		*Q216	N-2	*Q623	D-3		
IC101	P-4	*Q217	M-2	*Q624	D-1		
IC102	M-5	*Q218	M-2	*Q625	E-4		
IC103	N-5	*Q219	M-2	*Q626	D-4		
IC104	L-5	*Q220	M-2	*Q627	D-1		
IC201	L-3	*Q301	J-4	*Q628	D-1		
IC202	M-2	*Q302	J-4	*Q701	E-2		
IC203	M-1	*Q303	H-4	*Q702	F-2		
IC204	P-1	*Q304	H-5	*Q703	E-2		
IC205	L-2	*Q305	H-4	*Q704	F-2		
IC301	K-4	*Q306	H-3	*Q705	E-2		
IC302	G-5	*Q307	J-3	*Q706	F-2		
IC303	H-5	*Q308	J-4	*Q707	E-1		
IC401	H-2	*Q309	J-4	*Q708	F-1		
IC402	H-1	*Q310	K-3	*Q709	F-2		
IC403	K-1	*Q311	K-5	*Q710	F-1		
IC404	G-2	*Q401	H-2	*Q711	F-2		
IC501	A-5	*Q402	J-1	*Q712	F-2		
IC502	A-2	*Q403	J-1	*Q713	F-1		
IC503	A-2	*Q404	J-2	*Q714	E-1		
IC504	B-2	*Q405	J-1				
IC505	B-2	*Q406	J-1	RV101	L-1		
IC506	A-3	*Q407	J-1	RV102	K-1		
IC507	B-5	*Q408	J-1	RV103	P-4		
IC508	C-4	*Q409	J-2	RV201	M-3		
IC509	B-5	*Q410	J-1	RV301	J-1		
IC510	B-4	*Q411	J-2	RV302	H-1		
IC511	J-6	*Q412	J-2	RV303	K-4		
IC512	G-6	*Q413	K-2	RV401	H-3		
IC601	D-4	*Q414	K-2	RV501	A-4		
IC602	D-4	*Q415	K-2	RV502	A-4		
IC603	F-4	*Q416	J-2	RV503	B-4		
IC604	F-3	*Q417	H-2	RV504	B-4		
IC605	F-3	*Q418	H-2	RV505	B-4		
IC606	E-3	*Q501	A-1	RV506	B-4		
IC607	F-3	Q502	A-1	RV601	D-1		
IC608	D-2	Q503	A-1	RV602	F-1		
IC609	E-2	Q504	A-1	RV603	D-1		
IC610	D-2	*Q505	A-5	RV604	D-1		
IC611	D-2	*Q506	A-4	RV605	F-1		
IC612	C-2	Q507	B-1	RV606	C-1		
IC701	F-1						

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
△: 1-648-899-11 ONLY
⊙: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

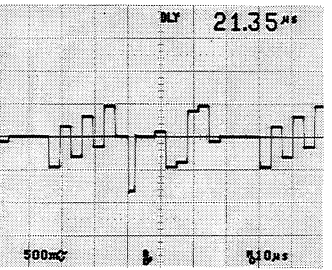
For J,UC

① TP401 PB



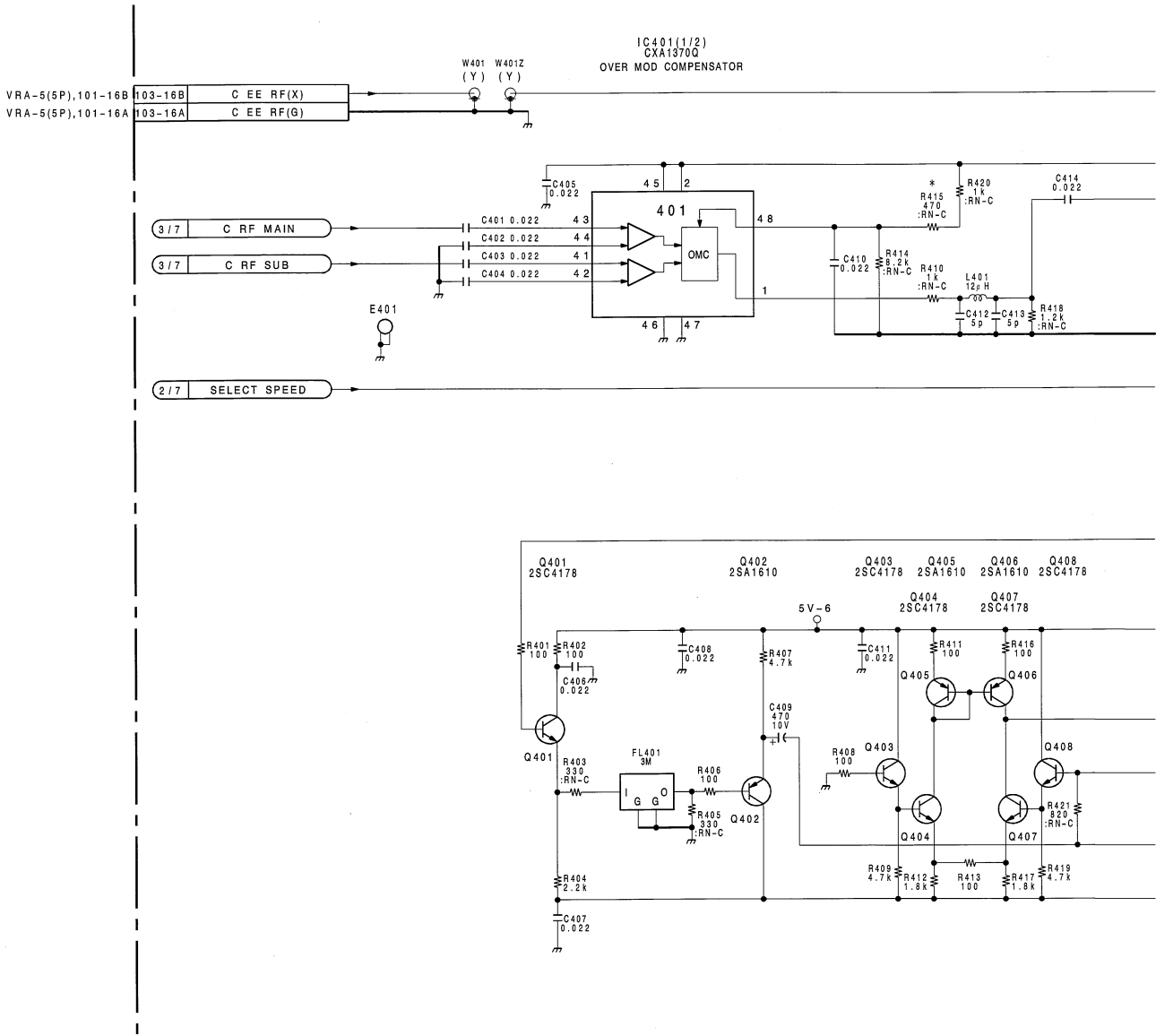
For EK

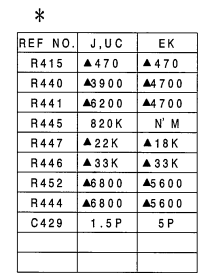
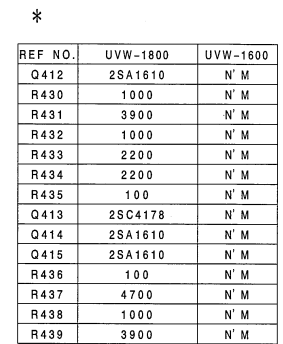
① TP401 PB



UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P(EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P(EK) ; Serial No.10001 through 13780

VP-43/43A/43P/43AP(4/7) ;C OMC,C DEM,C NL DE-EMPH.




$$\blacktriangle = \text{:RN-C}$$

BOARD NO.1-648-899-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC) ;#10001-13930
UVW-1800P (EK) ;#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC) ;#10001-12900
UVW-1600P (EK) ;#10001-13780

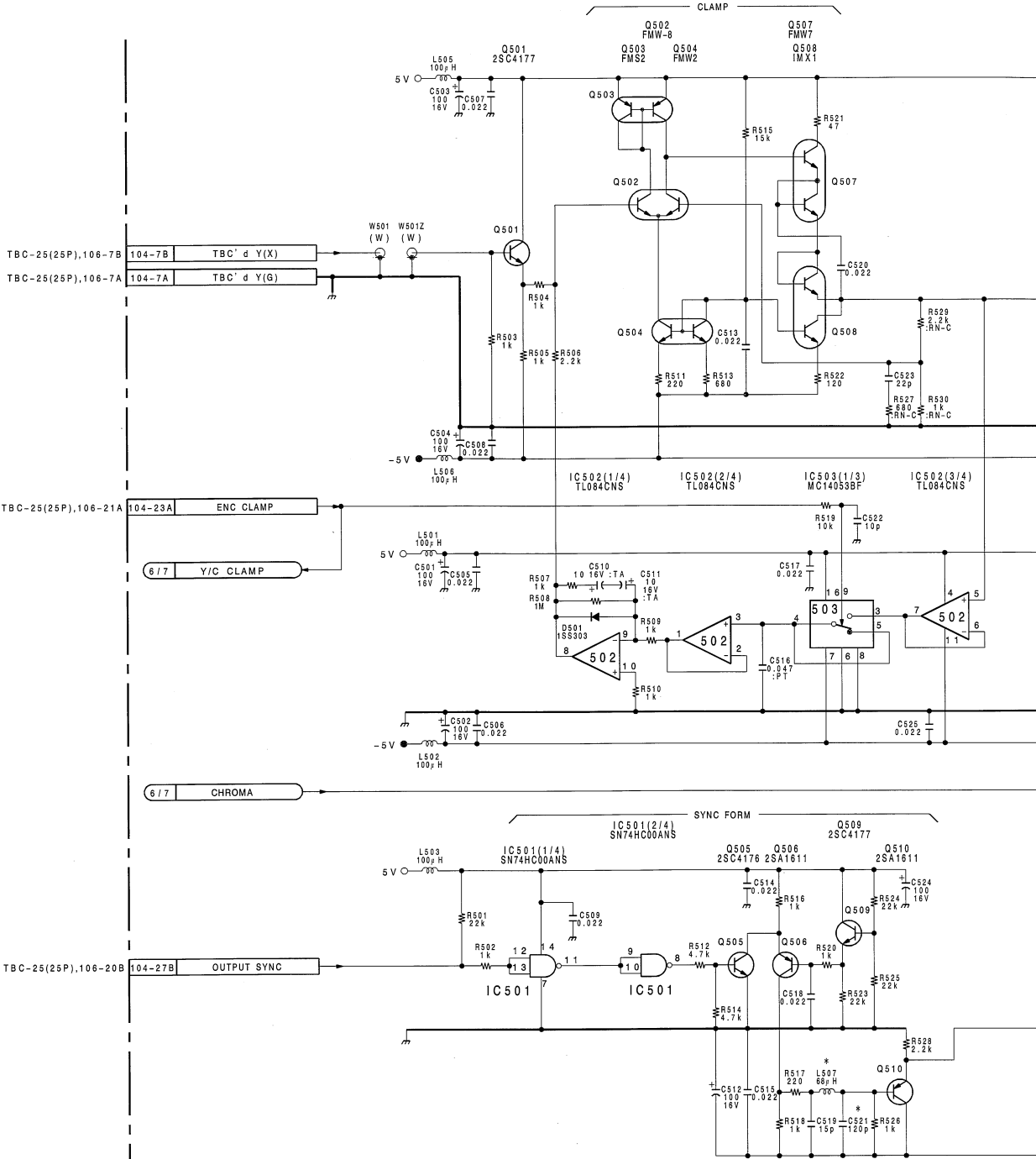
VP-43/43A(1-648-899-11, 12)

1	CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
	DL101	N-4			*Q512	A-4		
2	DL301	J-4			*Q513	B-2	TH201	P-2
			*Q101	N-5	Q514	B-3	TH401	J-2
			*Q102	N-4				
	*D201	N-2	*Q103	N-5	*Q515	B-2		
	*D401	J-2	*Q104	N-4	*Q516	B-2		
3	*D501	A-2	*Q105	N-4	Q517	B-3		
	*D502	B-2	*Q106	N-3	*Q601	F-5		
	*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
	*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
	*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
4	*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
	*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
			*Q112	P-5	Q607	E-5	TP301	H-1
	E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
	E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
5	E201	R-1	*Q203	P-2	Q610	F-4		
	E301	K-5	*Q204	N-2	Q611	F-5		
	E401	G-2	*Q205	P-2	Q612	F-5		
	E501	B-2	*Q206	P-2	*Q613	D-4		
	E502	B-6	*Q207	N-2	*Q614	D-3		

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
△: 1-648-899-11 ONLY
⊙: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

VP-43/43A/43P/43AP(5/7);Y/S-Y OUT DRIVE,COMPOSITE OUT DRIVE CHARA/SYNC MIX





BOARD NO.1-648-899-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P (EK);#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P (EK);#10001-13780

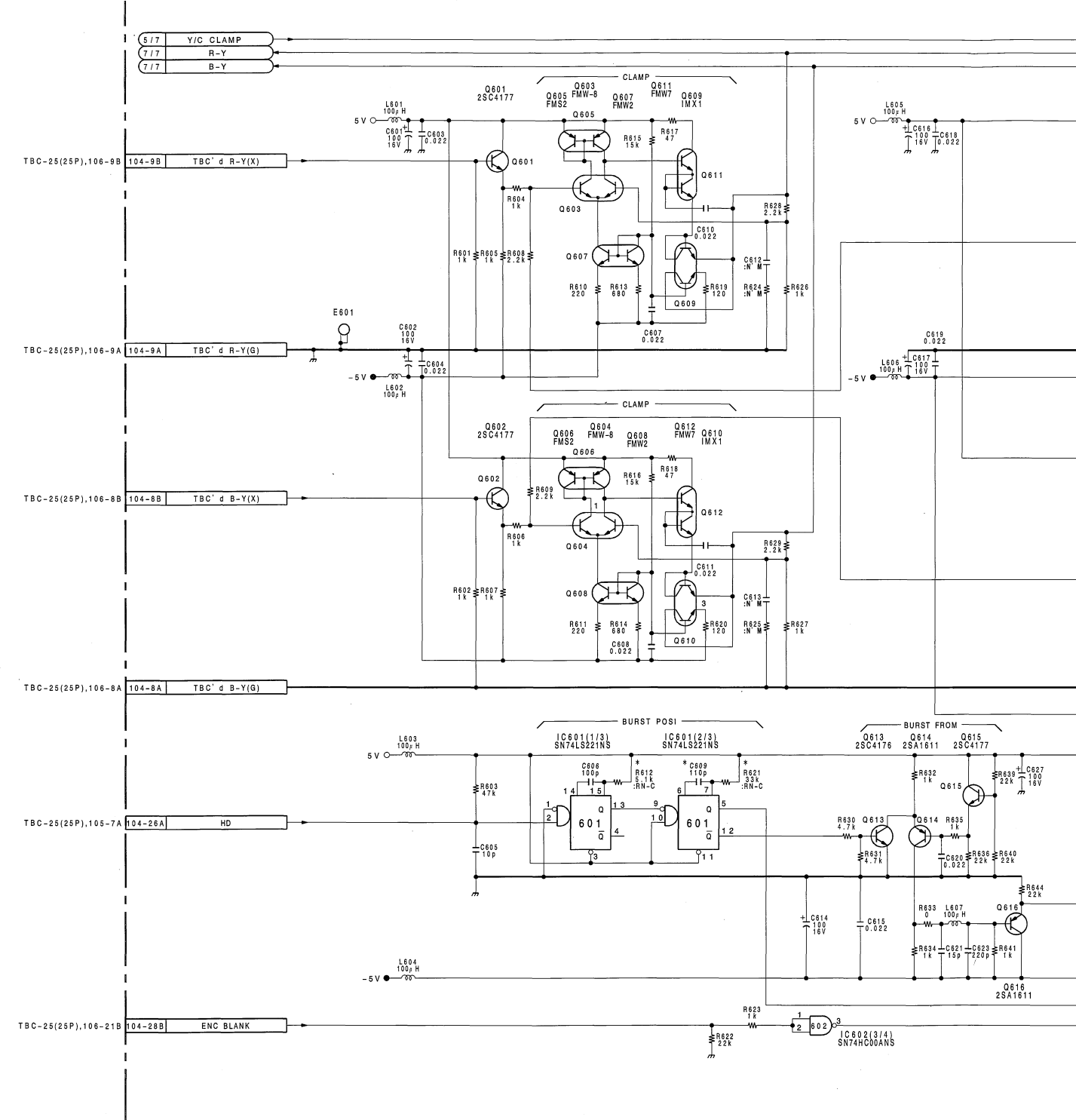
VP-43/43A(1-648-899-11, 12)

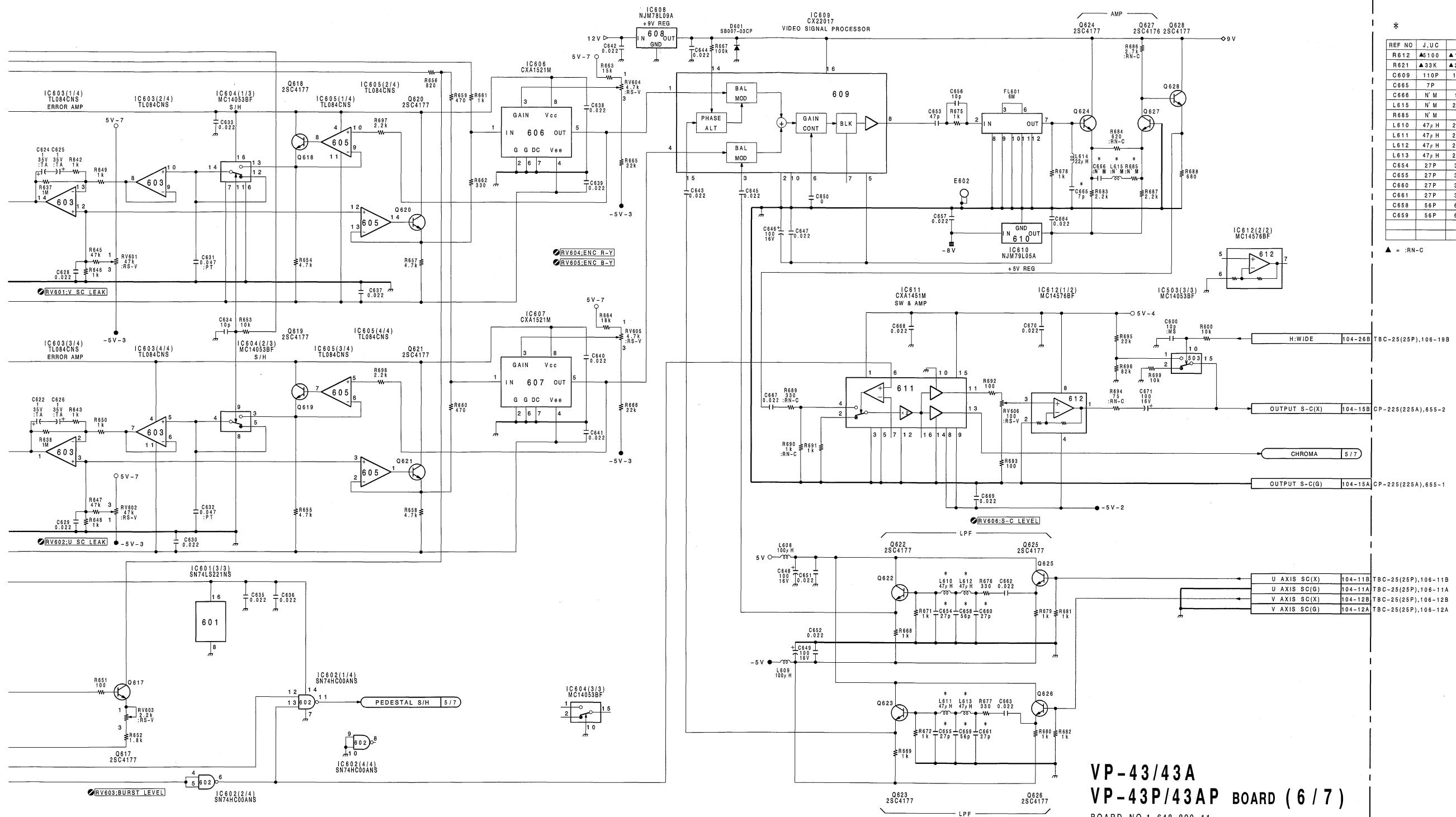
1	CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
	CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
	CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
			IC705	R-4	*Q511	A-4	RV704	G-1
					*Q512	A-4		
2	DL101	N-4			*Q513	B-2	TH201	P-2
	DL301	J-4			Q514	B-3	TH401	J-2
			*Q101	N-5	*Q515	B-2		
	*D201	N-2	*Q102	N-4	*Q516	B-2	TH601	D-2
	*D401	J-2	*Q103	N-5	*Q517	B-3	*TH601	D-1
	*D501	A-2	*Q104	N-4				
	*D502	B-2	*Q105	N-4	*Q601	F-5		
	*D503	B-3	*Q106	N-3	*Q602	F-5	TP101	L-2
	*D504	B-4	*Q107	N-3	Q603	E-5	TP102	P-1
	*D601	D-2	*Q108	N-4	Q604	F-5	TP103	L-1
	*D602	E-2	*Q109	N-4	Q605	F-5	TP104	P-3
	*D701	R-4	*Q110	P-4	Q606	F-5	TP201	P-1
			*Q111	P-5	Q607	E-5	TP301	H-1
			*Q112	P-5	Q608	F-5	TP302	J-3
	E101	P-6	*Q201	M-2	Q609	E-4	TP401	L-1
	E102	N-1	*Q202	N-1	Q610	F-4		
	E201	R-1	*Q203	P-2	Q611	F-5		
	E301	K-5	*Q204	N-2	Q612	F-5		
	E401	G-2	*Q205	P-2	*Q613	D-4		
	E501	B-2	*Q206	P-2	*Q614	D-3		
3	E502	B-6	*Q207	N-2	*Q615	D-3		
	E601	E-4	*Q208	N-1	*Q616	C-3		
	E602	D-1	*Q209	N-1	*Q617	C-3		
	E701	F-2	*Q210	N-1	*Q618	F-2		
			*Q211	P-2	*Q619	F-2		
	FL201	M-1	*Q212	P-1	*Q620	F-3		
	FL401	H-1	*Q213	R-2	*Q621	F-3		
	FL601	E-2	*Q214	R-2	*Q622	E-3		
			*Q215	P-1	*Q623	D-3		
	IC101	P-4	*Q216	N-2	*Q624	D-1		
	IC102	M-5	*Q217	M-2	*Q625	E-4		
	IC103	N-5	*Q218	M-2	*Q626	D-4		
	IC104	L-5	*Q219	M-2	*Q627	D-1		
	IC201	L-3	*Q220	M-2	*Q628	D-1		
	IC202	M-2	*Q301	J-4	*Q701	E-2		
	IC203	M-1	*Q302	J-4	*Q702	F-2		
	IC204	P-1	*Q303	H-4	*Q703	E-2		
	IC205	L-2	*Q304	H-5	*Q704	F-2		
	IC301	K-4	*Q305	H-4	*Q705	E-2		
	IC302	G-5	*Q306	H-3	*Q706	F-2		
4	IC303	H-5	*Q307	J-3	*Q707	E-1		
	IC401	H-2	*Q308	J-4	*Q708	F-1		
	IC402	H-1	*Q309	J-4	*Q709	F-2		
	IC403	K-1	*Q310	K-3	*Q710	F-1		
	IC404	G-2	*Q311	K-5	*Q711	F-2		
	IC501	A-5	*Q401	H-2	*Q712	F-2		
	IC502	A-2	*Q402	J-1	*Q713	F-1		
	IC503	A-2	*Q403	J-1	*Q714	E-1		
	IC504	B-2	*Q404	J-2				
	IC505	B-2	*Q405	J-1	RV101	L-1		
	IC506	A-3	*Q406	J-1	RV102	K-1		
	IC507	B-5	*Q407	J-1	RV103	P-4		
	IC508	C-4	*Q408	J-1	RV201	M-3		
	IC509	B-5	*Q409	J-2	RV301	J-1		
	IC510	B-4	*Q410	J-1	RV302	H-1		
	IC511	J-6	*Q411	J-2	RV303	K-4		
	IC512	G-6	*Q412	J-2	RV401	H-3		
	IC601	D-4	*Q413	K-2	RV501	A-4		
	IC602	D-4	*Q414	K-2	RV502	A-4		
	IC603	F-4	*Q415	K-2	RV503	B-4		
5	IC604	F-3	*Q416	J-2	RV504	B-4		
	IC605	F-3	*Q417	H-2	RV505	B-4		
	IC606	E-3	*Q418	H-2	RV506	B-4		
	IC607	F-3	*Q501	A-1	RV601	D-1		
	IC608	D-2	Q502	A-1	RV602	F-1		
	IC609	E-2	Q503	A-1	RV603	D-1		
	IC610	D-2	Q504	A-1	RV604	D-1		
	IC611	D-2	*Q505	A-5	RV605	F-1		
	IC612	C-2	*Q506	A-4	RV606	C-1		
	IC701	F-1	Q507	B-1				

*: B SIDE
: UVW-1800/1800P ONLY
N: UVW-1800/1600 ONLY
△: 1-648-899-11 ONLY
◎: UVW-1800 (1-648-899-12) ONLY
●: UVW-1800P/1600/1600P (1-648-899-12) ONLY

UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P (EK) ; Serial No.10001 through 13780

VP-43/43A/43P/43AP(6/7) ;ENCODE,S-C OUT DRIVE



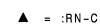


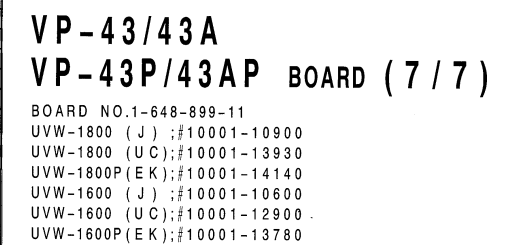
VP-43/43A(1-648-899-11, 12)

CN103	N-6	IC702	F-1	Q508	B-1	RV701	E-1
CN104	C-6	IC703	R-4	*Q509	A-4	RV702	E-1
CN105	R-5	IC704	R-4	*Q510	A-4	RV703	E-1
		IC705	R-4	*Q511	A-4	RV704	G-1
DL101	N-4			*Q512	A-4		
DL301	J-4	*Q101	N-5	*Q513	B-2	TH201	P-2
		*Q102	N-4	Q514	B-3	TH401	J-2
*D201	N-2	*Q103	N-5	*Q515	B-2		
*D401	J-2	*Q104	N-4	*Q516	B-2	◎ TH601	D-2
*D501	A-2	*Q105	N-4	Q517	B-3	● *TH601	D-1
*D502	B-2	*Q106	N-3	*Q601	F-5		
*D503	B-3	*Q107	N-3	*Q602	F-5	TP101	L-2
*D504	B-4	*Q108	N-4	Q603	E-5	TP102	P-1
*D601	D-2	*Q109	N-4	Q604	F-5	TP103	L-1
△*D602	E-2	*Q110	P-4	Q605	F-5	TP104	P-3
*D701	R-4	*Q111	P-5	Q606	F-5	TP201	P-1
		*Q112	P-5	Q607	E-5	TP301	H-1
E101	P-6	*Q201	M-2	Q608	F-5	TP302	J-3
E102	N-1	*Q202	N-1	Q609	E-4	TP401	L-1
E201	R-1	*Q203	P-2	Q610	F-4		
E301	K-5	*Q204	N-2	Q611	F-5		
E401	G-2	*Q205	P-2	Q612	F-5		
E501	B-2	*Q206	P-2	*Q613	D-4		
E502	B-6	*Q207	N-2	*Q614	D-3		
E601	E-4	*Q208	N-1	*Q615	D-3		
E602	D-1	*Q209	N-1	*Q616	C-3		
E701	F-2	*Q210	N-1	*Q617	C-3		
		*Q211	P-2	*Q618	F-2		
FL201	M-1	*Q212	P-1	*Q619	F-2		
FL401	H-1	*Q213	R-2	*Q620	F-3		
FL601	E-2	*Q214	R-2	*Q621	F-3		
		*Q215	P-1	*Q622	E-3		
IC101	P-4	*Q216	N-2	*Q623	D-3		
IC102	M-5	*Q217	M-2	*Q624	D-1		
IC103	N-5	*Q218	M-2	*Q625	E-4		
IC104	L-5	*Q219	M-2	*Q626	D-4		
IC201	L-3	*Q220	M-2	*Q627	D-1		
IC202	M-2	*Q301	J-4	*Q628	D-1		
IC203	M-1	*Q302	J-4	*Q701	E-2		
IC204	P-1	*Q303	H-4	*Q702	F-2		
IC205	L-2	*Q304	H-5	*Q703	E-2		
IC301	K-4	*Q305	H-4	*Q704	F-2		
IC302	G-5	*Q306	H-3	*Q705	E-2		
IC303	H-5	*Q307	J-3	*Q706	F-2		
IC401	H-2	*Q308	J-4	*Q707	E-1		
IC402	H-1	*Q309	J-4	*Q708	F-1		
IC403	K-1	*Q310	K-3	*Q709	F-2		
IC404	G-2	*Q311	K-5	*Q710	F-1		
IC501	A-5	*Q401	H-2	*Q711	F-2		
IC502	A-2	*Q402	J-1	*Q712	F-2		
IC503	A-2	*Q403	J-1	*Q713	F-1		
IC504	B-2	*Q404	J-2	*Q714	E-1		
IC505	B-2	*Q405	J-1				
IC506	A-3	*Q406	J-1	RV101	L-1		
IC507	B-5	*Q407	J-1	RV102	K-1		
IC508	C-4	*Q408	J-1	RV103	P-4		
IC509	B-5	*Q409	J-2	RV201	M-3		
IC510	B-4	*Q410	J-1	RV301	J-1		
IC511	J-6	*Q411	J-2	RV302	H-1		
IC512	G-6	*Q412	J-2	RV303	K-4		
IC601	D-4	*Q413	K-2	RV401	H-3		
IC602	D-4	*Q414	K-2	RV501	A-4		
IC603	F-4	*Q415	K-2	RV502	A-4		
IC604	F-3	*Q416	J-2	RV503	B-4		
IC605	F-3	*Q417	H-2	RV504	B-4		
IC606	E-3	*Q418	H-2	RV505	B-4		
IC607	F-3	*Q501	A-1	RV506	B-4		
IC608	D-2	Q502	A-1	RV601	D-1		
IC609	E-2	Q503	A-1	RV602	F-1		
IC610	D-2	Q504	A-1	RV603	D-1		
IC611	D-2	*Q505	A-5	RV604	D-1		
IC612	C-2	*Q506	A-4	RV605	F-1		
IC701	F-1	Q507	B-1	RV606	C-1		

* : B SIDE
: UVW-1800/1800P ONLY
N : UVW-1800/1600 ONLY
△ : 1-648-899-11 ONLY
◎ : UVW-1800 (1-648-899-12) ONLY
● : UVW-1800P/1600/1600P (1-648-899-12) ONLY

VP-43/43A/43P/43AP(7/7):R-Y/B-Y OUT DRIVE





VRA-5 (1-648-898-12)

1

CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
		IC801	N D-3	*Q509	P-2
CV301	F-5	IC802	N D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
*D101	B-3	IC902	G-6	*Q512	P-4
*D102	C-3	IC903	J-6	*Q513	P-4
*D109	D-4	IC904	E-6	*Q514	P-4
*D202	H-4			*Q515	P-4
*D301	E-3	LV301	E-4	*Q516	N-4
*D302	P F-4			*Q517	N-4
*D303	F-4	*Q101	A-3	*Q518	P-4
D305	F-5	Q102	A-5	*Q519	P-5
D306	J-3	*Q103	A-3	*Q520	P-5
*D307	P E-3	Q104	A-3	*Q601	L-2
D801	N A-2	Q105	A-3	*Q602	M-2
		*Q106	A-3	*Q603	N-4
		Q107	A-3	*Q604	M-4
E101	B-4	*Q108	A-1	*Q605	M-4
E201	E-2	*Q109	B-2	*Q606	L-4
E301	K-3	*Q110	B-2	*Q607	M-4
E302	D-3	*Q111	B-1	*Q608	L-4
E303	H-1	*Q112	C-1	*Q609	M-5
E501	R-5	*Q113	C-2	*Q610	M-5
E502	N-1	*Q114	B-4	Q801	N A-2
E601	M-1	*Q115	B-4	Q802	N A-2
		*Q116	B-3	Q803	N A-2
FB201	K-2	*Q117	B-3	Q804	N D-3
		*Q118	B-3		
FL101	A-2	*Q119	B-3	RV101	B-2
FL102	B-3	*Q120	B-2	RV102	B-3
FL103	C-3	*Q121	C-4	RV103	C-4
FL201	R-2	*Q122	C-4	RV104	C-3
FL202	N-2	*Q123	C-4	RV105	A-2
		*Q124	C-3	RV201	P-1
IC101	A-3	*Q125	C-3	RV202	N-1
IC102	C-2	*Q126	C-3	RV203	M-1
IC103	D-4	*Q127	C-3	RV301	E-3
IC104	G-5	*Q128	C-3	RV302	K-1
IC201	A-1	*Q129	C-2	RV303	L-1
IC202	B-1	*Q130	C-2	RV304	L-1
IC203	A-1	*Q131	B-5	RV305	L-1
IC205	D-2	*Q132	C-5	RV306	K-5
IC206	D-1	*Q133	A-2	RV501	R-1
IC207	H-1	*Q201	C-1	RV502	R-4
IC208	E-2	*Q202	H-1	RV503	R-4
IC209	E-2	*Q203	H-4	RV602	M-4
IC210	G-2	*Q204	P-2	RV603	M-4
IC211	H-1	*Q207	R-2		
IC212	J-2	*Q209	N-2	S201	H-4
IC213	P-1	*Q210	R-2		
IC214	N-1	*Q211	K-2	TH201	N M-1
IC215	P-2	*Q212	R-1		
IC216	K-2	*Q213	M-3	TP101	A-3
IC217	N K-2	*Q301	D-3	TP201	C-2
IC218	K-2	*Q303	E-3	TP202	C-1
IC219	N J-1	*Q305	E-3	TP301	E-3
IC220	M-1	*Q306	E-3	TP302	E-4
IC301	E-4	*Q307	E-3	TP303	H-1
IC302	H-3	*Q308	J-4	TP304	L-5
IC303	E-4	*Q309	J-4	TP305	K-4
IC304	E-5	*Q310	F-3	TP306	J-4
IC305	F-4	*Q311	F-3	TP307	J-5
IC306	K-4	*Q312	K-3	TP308	N-5
IC307	F-3	*Q313	E-4	TP309	N-5
IC308	J-3	*Q314	E-4	TP310	F-5
IC309	J-3	*Q315	J-3	TP501	R-4
IC310	G-3	*Q316	F-5	TP502	P-1
IC311	J-4	*Q317	F-5	TP503	P-5
IC312	L-2	*Q318	E-5	TP504	N-4
IC313	G-5	*Q319	K-3	TP601	N-4
IC314	L-1	*Q320	J-3	TP602	M-1
IC315	K-5	*Q321	J-4	TP603	P-5
IC316	H-4	*Q322	J-4		
IC317	F-3	*Q323	J-4	X301	F-4
IC501	P-4	*Q324	F-4	X302	H-4
IC502	R-5				

2

3

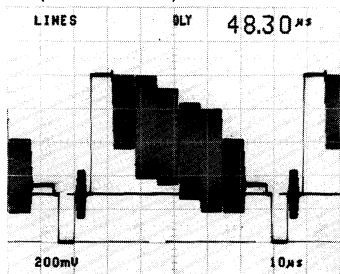
4

5

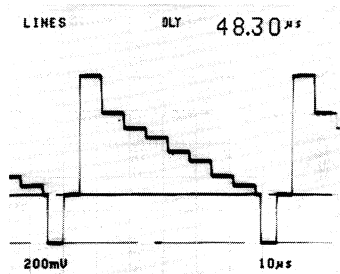
* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

① TP101 REC/EE
(COMPOSITE)

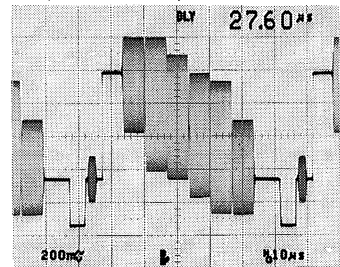


① TP101 REC/EE
(COMPONENT)

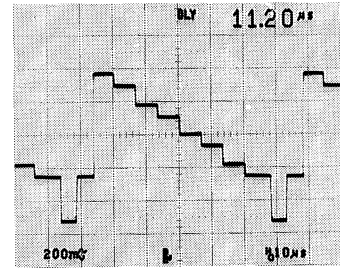


For EK

① TP101 REC/EE
(COMPOSITE)

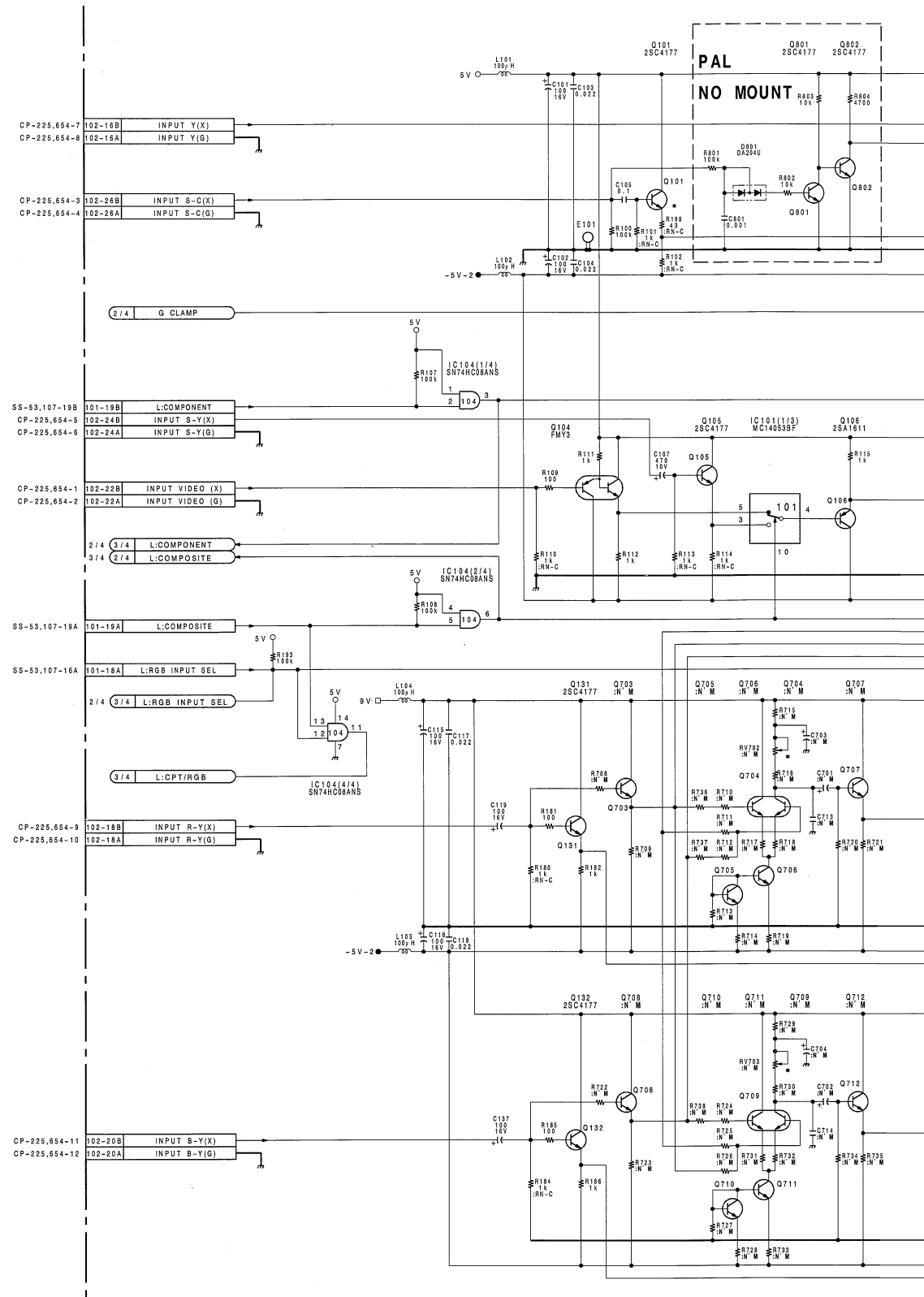


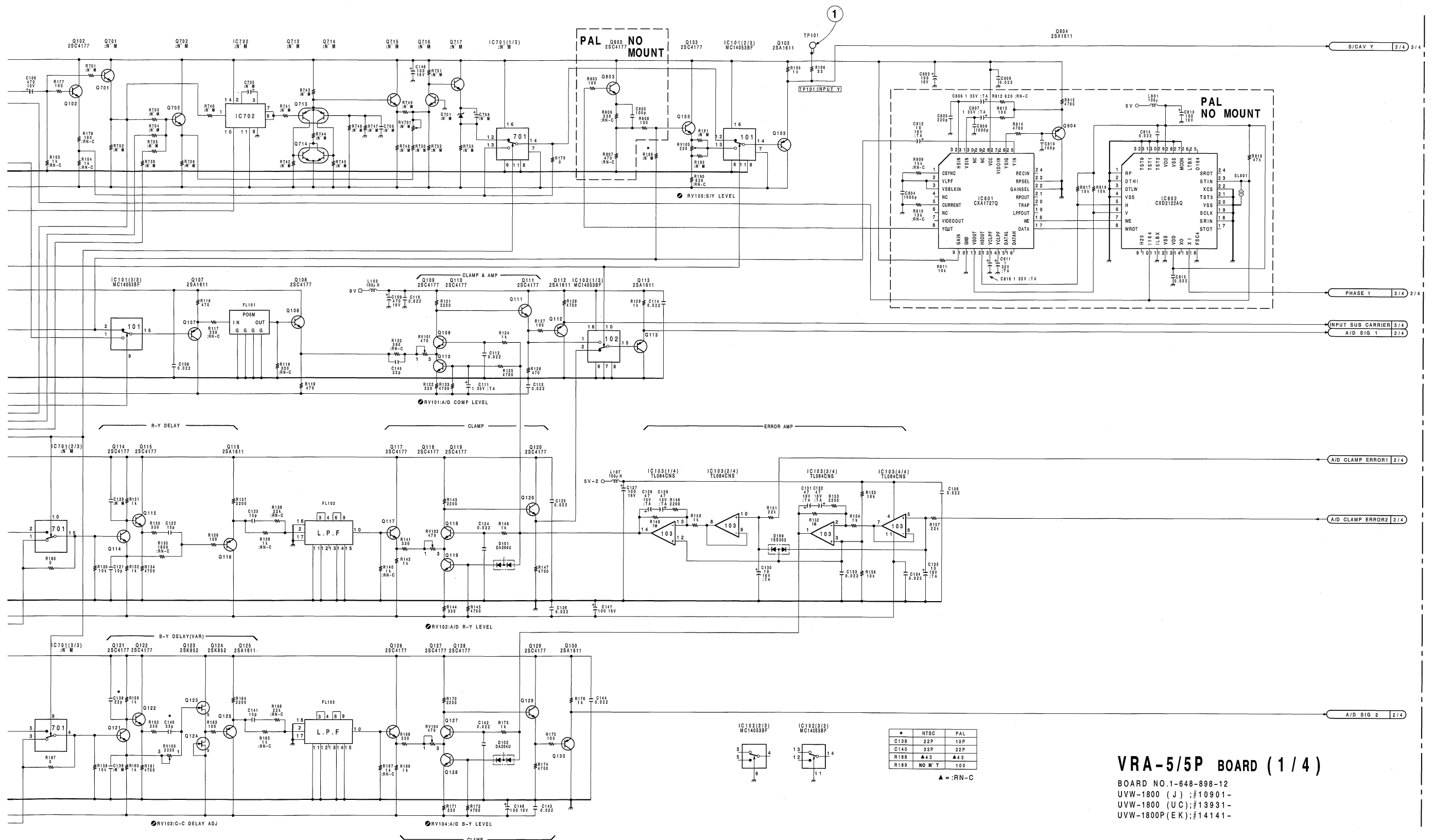
① TP101 REC/EE
(COMPONENT)



UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher

VRA-5/5P(1/4);INPUT PROCESS





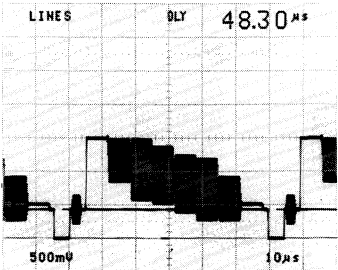
VRA-5 (1-648-898-12)

CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
		IC801	N D-3	*Q509	P-2
CV301	F-5	IC802	N D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
*D101	B-3	IC902	G-6	*Q512	P-4
*D102	C-3	IC903	J-6	*Q513	P-4
*D109	D-4	IC904	E-6	*Q514	P-4
*D202	H-4			*Q515	P-4
*D301	E-3	LV301	E-4	*Q516	N-4
*D302	P F-4			*Q517	N-4
*D303	F-4	*Q101	A-3	*Q518	P-4
D305	F-5	Q102	A-5	*Q519	P-5
D306	J-3	*Q103	A-3	*Q520	P-5
*D307	P E-3	Q104	A-3	*Q601	L-2
D801	N A-2	Q105	A-3	*Q602	M-2
		*Q106	A-3	*Q603	N-4
E101	B-4	Q107	A-3	*Q604	M-4
E201	E-2	*Q108	A-1	*Q605	M-4
E301	K-3	*Q109	B-2	*Q606	L-4
E302	D-3	*Q110	B-2	*Q607	M-4
E303	H-1	*Q111	B-1	*Q608	L-4
E501	R-5	*Q112	C-1	*Q609	M-5
E502	N-1	*Q113	C-2	*Q610	M-5
E601	M-1	*Q114	B-4	Q801	N A-2
		*Q115	B-4	Q802	N A-2
FB201	K-2	*Q116	B-3	Q803	N A-2
		*Q117	B-3	Q804	N D-3
FL101	A-2	*Q118	B-3		
FL102	B-3	*Q119	B-3	RV101	B-2
FL103	C-3	*Q120	B-2	RV102	B-3
FL201	R-2	*Q121	C-4	RV103	C-4
FL202	N-2	*Q122	C-4	RV104	C-3
		*Q123	C-4	RV105	A-2
IC101	A-3	*Q124	C-3	RV201	P-1
IC102	C-2	*Q125	C-3	RV202	N-1
IC103	D-4	*Q126	C-3	RV203	M-1
IC104	G-5	*Q127	C-3	RV301	E-3
IC201	A-1	*Q128	C-3	RV302	K-1
IC202	B-1	*Q129	C-2	RV303	L-1
IC203	A-1	*Q130	C-2	RV304	L-1
IC205	D-2	*Q131	B-5	RV305	L-1
IC206	D-1	*Q132	C-5	RV306	K-5
IC207	H-1	*Q133	A-2	RV501	R-1
IC208	E-2	*Q201	C-1	RV502	R-4
IC209	E-2	*Q202	H-1	RV503	R-4
IC210	G-2	*Q203	H-4	RV602	M-4
IC211	H-1	*Q204	P-2	RV603	M-4
IC212	J-2	*Q207	R-2		
IC213	P-1	*Q209	N-2	S201	H-4
IC214	N-1	*Q210	R-2		
IC215	P-2	*Q211	K-2	TH201	N M-1
IC216	K-2	*Q212	R-1		
IC217	N K-2	*Q213	M-3	TP101	A-3
IC218	K-2	*Q301	D-3	TP201	C-2
IC219	N J-1	*Q303	E-3	TP202	C-1
IC220	M-1	*Q305	E-3	TP301	E-3
IC301	E-4	*Q306	E-3	TP302	E-4
IC302	H-3	*Q307	E-3	TP303	H-1
IC303	E-4	*Q308	J-4	TP304	L-5
IC304	E-5	*Q309	J-4	TP305	K-4
IC305	F-4	*Q310	F-3	TP306	J-4
IC306	K-4	*Q311	F-3	TP307	J-5
IC307	F-3	*Q312	K-3	TP308	N-5
IC308	J-3	*Q313	E-4	TP309	N-5
IC309	J-3	*Q314	E-4	TP310	F-5
IC310	G-3	*Q315	J-3	TP501	R-4
IC311	J-4	*Q316	F-5	TP502	P-1
IC312	L-2	*Q317	F-5	TP503	P-5
IC313	G-5	*Q318	E-5	TP504	N-4
IC314	L-1	*Q319	K-3	TP601	N-4
IC315	K-5	*Q320	J-3	TP602	M-1
IC316	H-4	*Q321	J-4	TP603	P-5
IC317	F-3	*Q322	J-4		
IC501	P-4	*Q323	J-4	X301	F-4
IC502	R-5	*Q324	F-4	X302	H-4

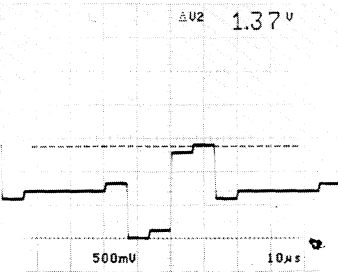
* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

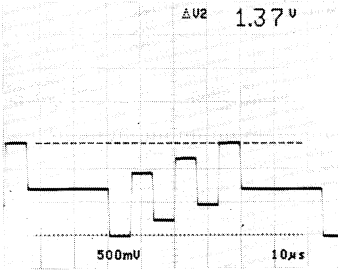
① TP201 REC/EE
(COMPOSITE)



① TP201 REC/EE
(COMPONENT)

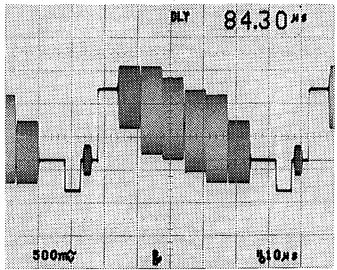


② TP202 REC/EE
(COMPONENT)

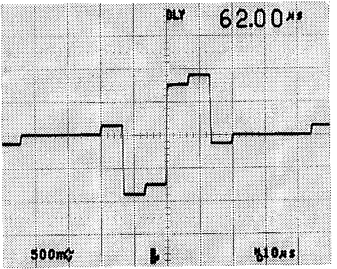


For EK

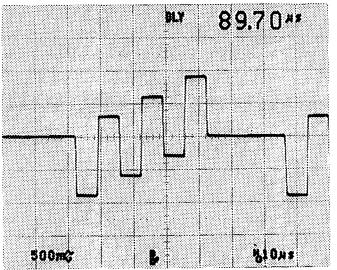
① TP201 REC/EE
(COMPOSITE)



① TP201 REC/EE
(COMPONENT)



② TP202 REC/EE
(COMPONENT)

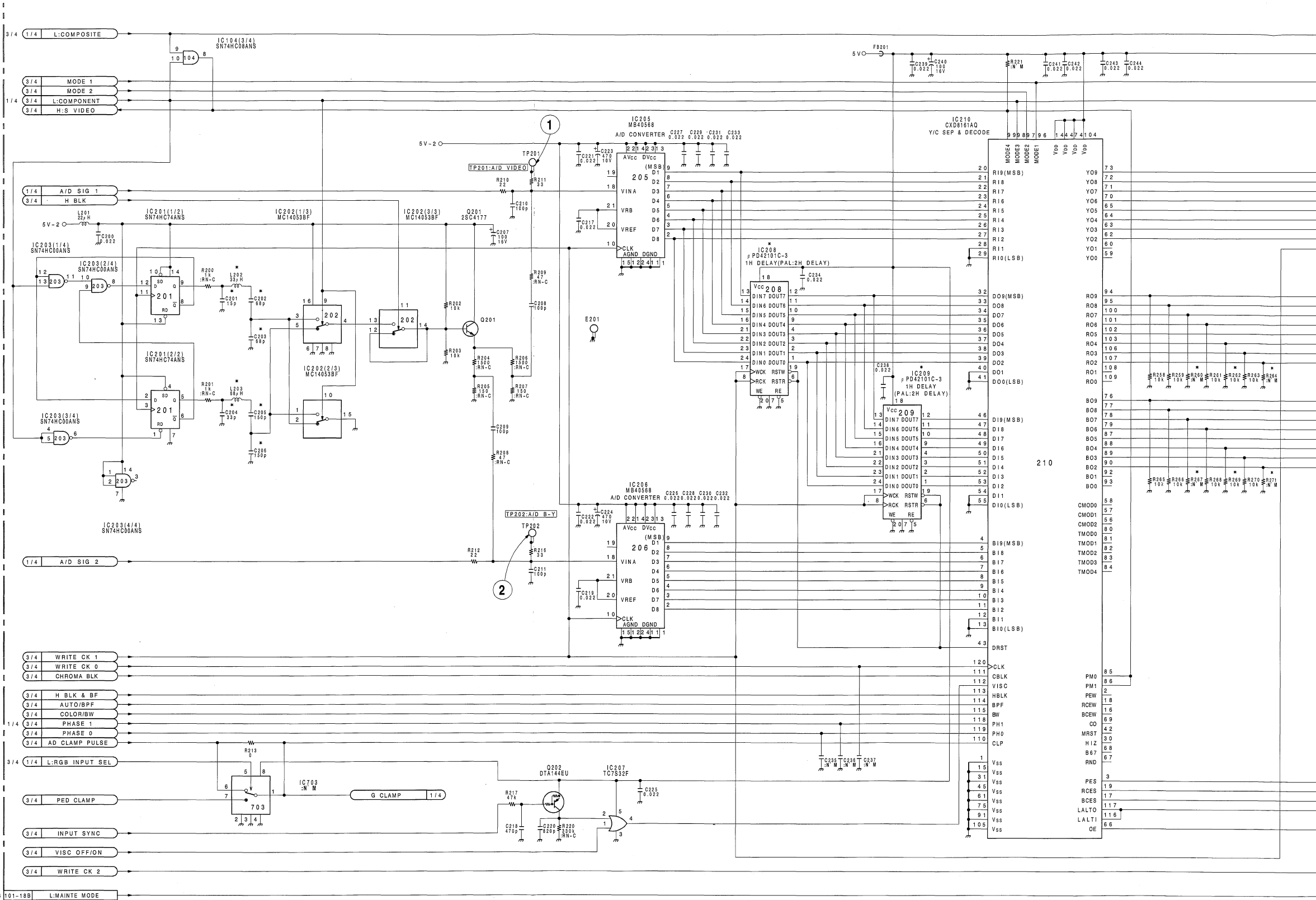


UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher

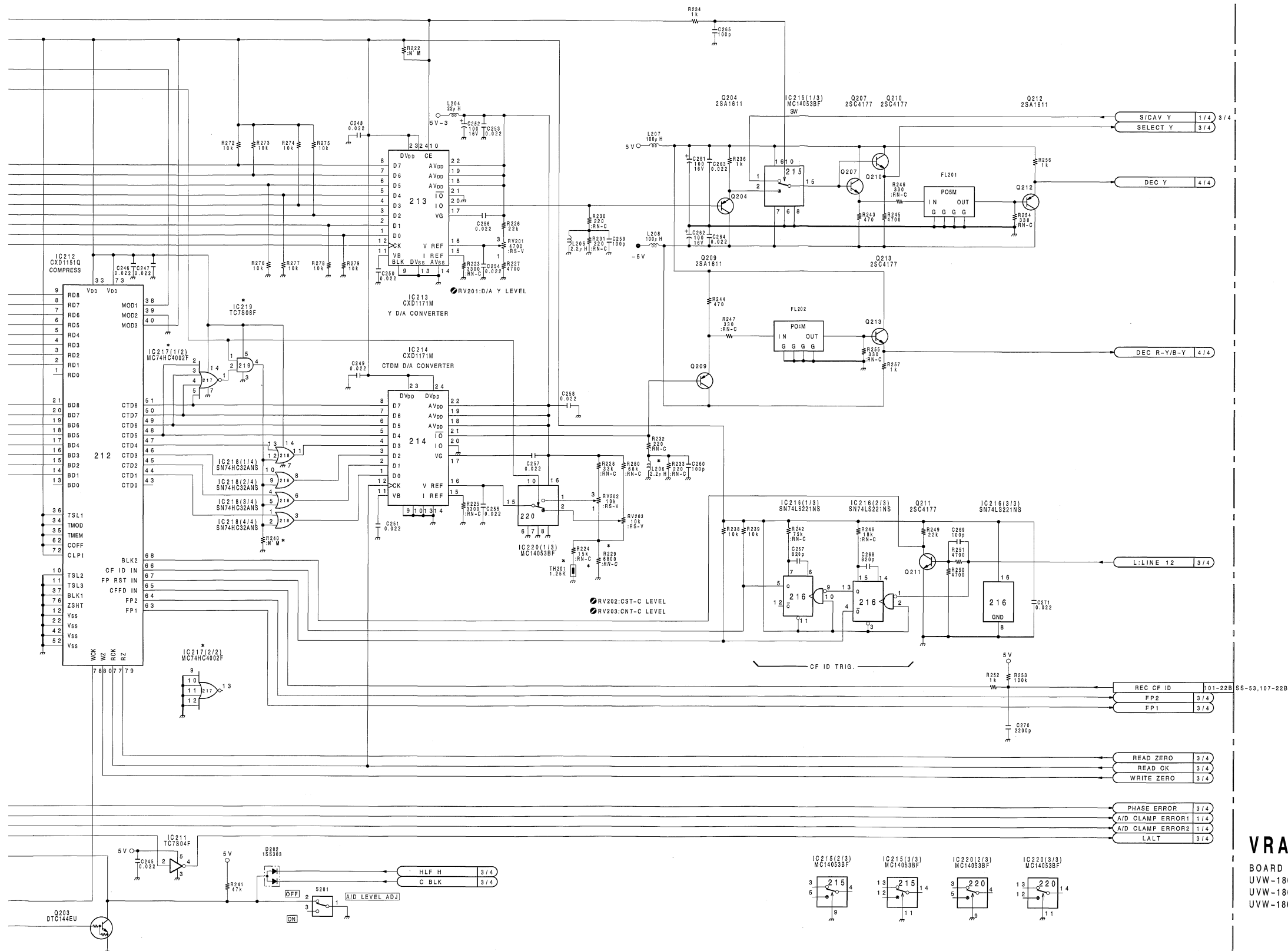
VRA-5/5P(2/4);A/D,Y/C SEP.,DECODE,CTDM(COMP.),D/A

*	NTSC	PAL
C201	15P	10P
C202	68P	47P
C203	68P	47P
C204	33P	27P
C205	150P	120P
C206	150P	120P
R224	15K	NO M'T
R229	6800	4700
R240	NO M'T	0
R260	NO M'T	10K
R262	10K	NO M'T
R264	NO M'T	10K
R267	NO M'T	10K
R269	10K	NO M'T
R271	NO M'T	10K
L202	33UH	22UH
L203	68UH	56UH
L206	2.2UH	1.8UH
IC208	UPD42101C-3	UPD42005C-50
IC209	UPD42101C-3	UPD42005C-50
IC217	MC74HC4002F	NO M'T
IC219	TC7S08F	NO M'T
TH201	1.25K	NO M'T

▲ :RN-C



AP-31(31P),111-308/SS-53,107-18B



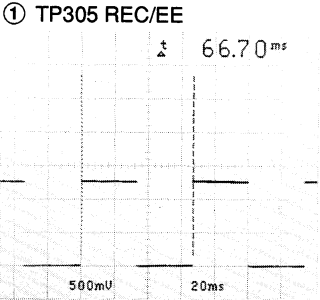
VRA-5/5P BOARD (2/4)

VRA-5 (1-648-898-12)

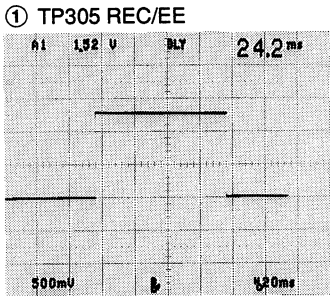
CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
		IC801	N D-3	*Q509	P-2
CV301	F-5	IC802	N D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
*D101	B-3	IC902	G-6	*Q512	P-4
*D102	C-3	IC903	J-6	*Q513	P-4
*D109	D-4	IC904	E-6	*Q514	P-4
*D202	H-4			*Q515	P-4
*D301	E-3	LV301	E-4	*Q516	N-4
*D302	P F-4			*Q517	N-4
*D303	F-4	*Q101	A-3	*Q518	P-4
D305	F-5	Q102	A-5	*Q519	P-5
D306	J-3	*Q103	A-3	*Q520	P-5
*D307	P E-3	Q104	A-3	*Q601	L-2
D801	N A-2	Q105	A-3	*Q602	M-2
		*Q106	A-3	*Q603	N-4
		Q107	A-3	*Q604	M-4
E101	B-4			*Q605	M-4
E201	E-2	*Q108	A-1	*Q606	L-4
E301	K-3	*Q109	B-2	*Q607	M-4
E302	D-3	*Q110	B-2	*Q608	L-4
E303	H-1	*Q111	B-1	*Q609	M-5
E501	R-5	*Q112	C-1	*Q610	M-5
E502	N-1	*Q113	C-2	Q801	N A-2
E601	M-1	*Q114	B-4	Q802	N A-2
		*Q115	B-4	Q803	N A-2
FB201	K-2	*Q116	B-3	Q804	N D-3
		*Q117	B-3		
		*Q118	B-3		
FL101	A-2	*Q119	B-3	RV101	B-2
FL102	B-3	*Q120	B-2	RV102	B-3
FL103	C-3	*Q121	C-4	RV103	C-4
FL201	R-2	*Q122	C-4	RV104	C-3
FL202	N-2	*Q123	C-4	RV105	A-2
		*Q124	C-3	RV201	P-1
IC101	A-3	*Q125	C-3	RV202	N-1
IC102	C-2	*Q126	C-3	RV203	M-1
IC103	D-4	*Q127	C-3	RV301	E-3
IC104	G-5	*Q128	C-3	RV302	K-1
IC201	A-1	*Q129	C-2	RV303	L-1
IC202	B-1	*Q130	C-2	RV304	L-1
IC203	A-1	*Q131	B-5	RV305	L-1
IC205	D-2	*Q132	C-5	RV306	K-5
IC206	D-1	*Q133	A-2	RV501	R-1
IC207	H-1	*Q201	C-1	RV502	R-4
IC208	E-2	*Q202	H-1	RV503	R-4
IC209	E-2	*Q203	H-4	RV602	M-4
IC210	G-2	*Q204	P-2	RV603	M-4
IC211	H-1	*Q207	R-2		
IC212	J-2	*Q209	N-2	S201	H-4
IC213	P-1	*Q210	R-2		
IC214	N-1	*Q211	K-2	TH201	N M-1
IC215	P-2	*Q212	R-1		
IC216	K-2	*Q213	M-3	TP101	A-3
IC217	N K-2	*Q301	D-3	TP201	C-2
IC218	K-2	*Q303	E-3	TP202	C-1
IC219	N J-1	*Q305	E-3	TP301	E-3
IC220	M-1	*Q306	E-3	TP302	E-4
IC301	E-4	*Q307	E-3	TP303	H-1
IC302	H-3	*Q308	J-4	TP304	L-5
IC303	E-4	*Q309	J-4	TP305	K-4
IC304	E-5	*Q310	F-3	TP306	J-4
IC305	F-4	*Q311	F-3	TP307	J-5
IC306	K-4	*Q312	K-3	TP308	N-5
IC307	F-3	*Q313	E-4	TP309	N-5
IC308	J-3	*Q314	E-4	TP310	F-5
IC309	J-3	*Q315	J-3	TP501	R-4
IC310	G-3	*Q316	F-5	TP502	P-1
IC311	J-4	*Q317	F-5	TP503	P-5
IC312	L-2	*Q318	E-5	TP504	N-4
IC313	G-5	*Q319	K-3	TP601	N-4
IC314	L-1	*Q320	J-3	TP602	M-1
IC315	K-5	*Q321	J-4	TP603	P-5
IC316	H-4	*Q322	J-4		
IC317	F-3	*Q323	J-4	X301	F-4
IC501	P-4	*Q324	F-4	X302	H-4
IC502	R-5				

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

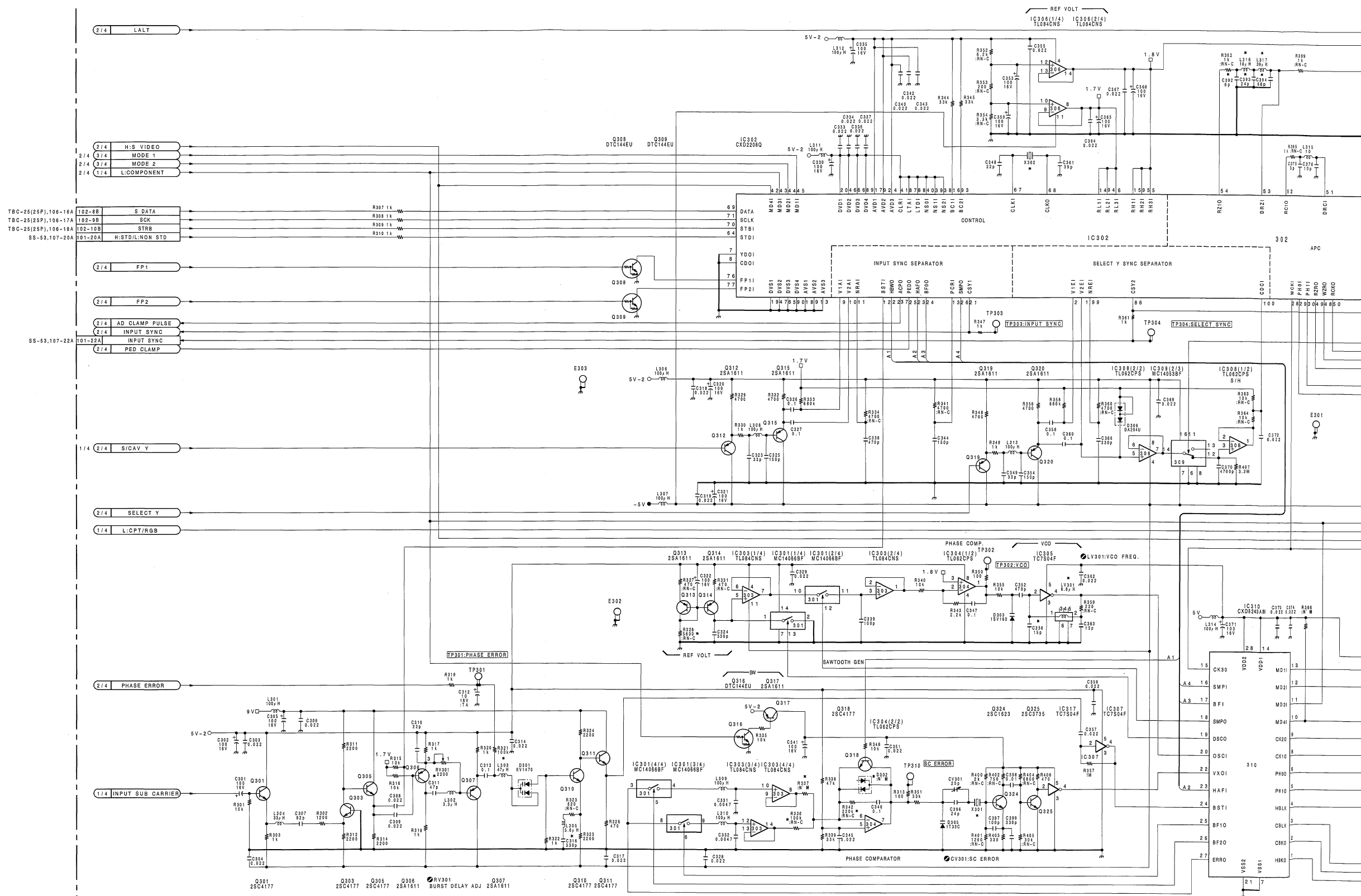


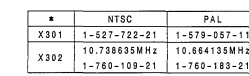
For EK



UVW-1800 (J) ; Serial No.10901 and higher
 UVW-1800 (UC); Serial No.13931 and higher
 UVW-1800P(EK); Serial No.14141 and higher

VRA-5/5P(3/4);Y/C REF SYNC,TIMING PULSE





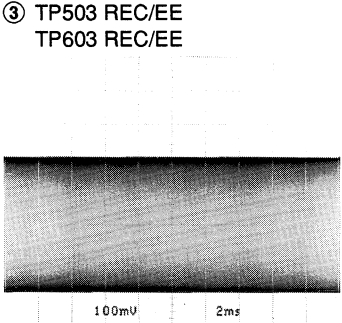
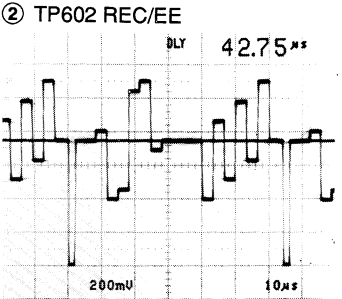
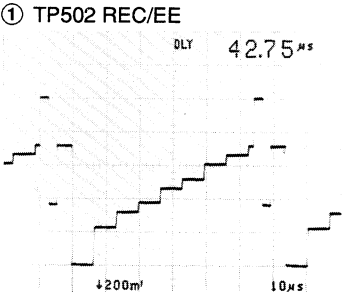
BOARD NO.1-648-898-12
UVW-1800 (J) ; 10901-
UVW-1800 (U C) ; 13931-
UVW-1800P (E K) ; 14141-

VRA-5 (1-648-898-12)

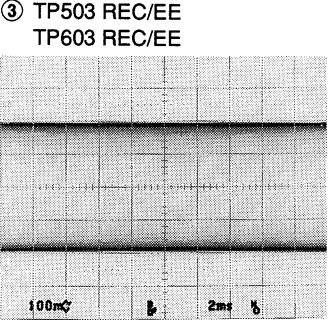
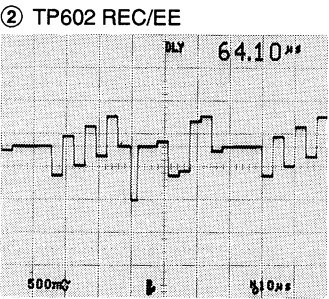
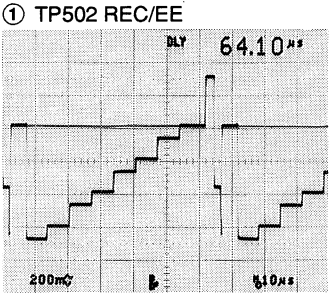
CN101	N-6	IC601	L-4	*Q325	F-4
CN102	C-6	IC602	M-4	*Q508	N-2
		IC801	D-3	*Q509	P-2
CV301	F-5	IC802	D-2	*Q510	R-4
		IC901	K-6	*Q511	N-3
*D101	B-3	IC902	G-6	*Q512	P-4
*D102	C-3	IC903	J-6	*Q513	P-4
*D109	D-4	IC904	E-6	*Q514	P-4
*D202	H-4			*Q515	P-4
*D301	E-3	LV301	E-4	*Q516	N-4
*D302	P F-4			*Q517	N-4
*D303	F-4	*Q101	A-3	*Q518	P-4
D305	F-5	Q102	A-5	*Q519	P-5
D306	J-3	*Q103	A-3	*Q520	P-5
*D307	P E-3	Q104	A-3	*Q601	L-2
D801	N A-2	Q105	A-3	*Q602	M-2
		*Q106	A-3	*Q603	N-4
E101	B-4	Q107	A-3	*Q604	M-4
E201	E-2	*Q108	A-1	*Q605	M-4
E301	K-3	*Q109	B-2	*Q606	L-4
E302	D-3	*Q110	B-2	*Q607	M-4
E303	H-1	*Q111	B-1	*Q608	L-4
E501	R-5	*Q112	C-1	*Q609	M-5
E502	N-1	*Q113	C-2	*Q610	M-5
E601	M-1	*Q114	B-4	Q801	N A-2
		*Q115	B-4	Q802	N A-2
FB201	K-2	*Q116	B-3	Q803	N A-2
		*Q117	B-3	Q804	N D-3
FL101	A-2	*Q118	B-3		
FL102	B-3	*Q119	B-3	RV101	B-2
FL103	C-3	*Q120	B-2	RV102	B-3
FL201	R-2	*Q121	C-4	RV103	C-4
FL202	N-2	*Q122	C-4	RV104	C-3
		*Q123	C-4	RV105	A-2
IC101	A-3	*Q124	C-3	RV201	P-1
IC102	C-2	*Q125	C-3	RV202	N-1
IC103	D-4	*Q126	C-3	RV203	M-1
IC104	G-5	*Q127	C-3	RV301	E-3
IC201	A-1	*Q128	C-3	RV302	K-1
IC202	B-1	*Q129	C-2	RV303	L-1
IC203	A-1	*Q130	C-2	RV304	L-1
IC205	D-2	*Q131	B-5	RV305	L-1
IC206	D-1	*Q132	C-5	RV306	K-5
IC207	H-1	*Q133	A-2	RV501	R-1
IC208	E-2	*Q201	C-1	RV502	R-4
IC209	E-2	*Q202	H-1	RV503	R-4
IC210	G-2	*Q203	H-4	RV602	M-4
IC211	H-1	*Q204	P-2	RV603	M-4
IC212	J-2	*Q207	R-2		
IC213	P-1	*Q209	N-2	S201	H-4
IC214	N-1	*Q210	R-2		
IC215	P-2	*Q211	K-2	TH201	N M-1
IC216	K-2	*Q212	R-1		
IC217	N K-2	*Q213	M-3	TP101	A-3
IC218	K-2	*Q301	D-3	TP201	C-2
IC219	N J-1	*Q303	E-3	TP202	C-1
IC220	M-1	*Q305	E-3	TP301	E-3
IC301	E-4	*Q306	E-3	TP302	E-4
IC302	H-3	*Q307	E-3	TP303	H-1
IC303	E-4	*Q308	J-4	TP304	L-5
IC304	E-5	*Q309	J-4	TP305	K-4
IC305	F-4	*Q310	F-3	TP306	J-4
IC306	K-4	*Q311	F-3	TP307	J-5
IC307	F-3	*Q312	K-3	TP308	N-5
IC308	J-3	*Q313	E-4	TP309	N-5
IC309	J-3	*Q314	E-4	TP310	F-5
IC310	G-3	*Q315	J-3	TP501	R-4
IC311	J-4	*Q316	F-5	TP502	P-1
IC312	L-2	*Q317	F-5	TP503	P-5
IC313	G-5	*Q318	E-5	TP504	N-4
IC314	L-1	*Q319	K-3	TP601	N-4
IC315	K-5	*Q320	J-3	TP602	M-1
IC316	H-4	*Q321	J-4	TP603	P-5
IC317	F-3	*Q322	J-4		
IC501	P-4	*Q323	J-4	X301	F-4
IC502	R-5	*Q324	F-4	X302	H-4

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

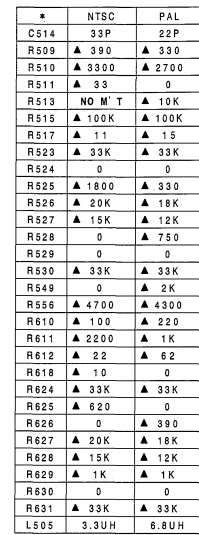


For EK



VRA-5/5P(4/4);Y/C MOD,Y REC HF




$$\blacktriangle = :RN-C$$

BOARD NO.1-648-898-12
UVW-1800 (J) ; # 10901-
UVW-1800 (U C) ; # 13931-
UVW-1800P (E K) ; # 14141-

VRA-5 (1-648-898-11)

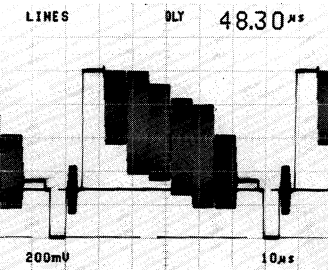
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CN101	N-6	IC801	N	D-3	*Q509	P-2
CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
		IC904		E-6	*Q514	P-4
*D101	B-3				*Q515	P-4
*D102	C-3				*Q516	N-4
*D109	D-4	LV301	E-4		*Q517	N-4
*D202	H-4				*Q518	P-4
*D301	E-3	*Q101	A-3		*Q519	P-5
*D302	P F-4	*Q102	A-5		*Q520	P-5
*D303	F-4	*Q103	A-3		*Q601	L-2
D305	F-5	Q104	A-4		*Q602	M-2
D306	P J-3	*Q105	A-4		*Q603	N-4
D801	N A-2	*Q106	A-3		*Q604	M-4
		*Q107	A-3		*Q605	M-4
E101	B-4	*Q108	A-1		*Q606	L-4
E201	E-2	*Q109	B-2		*Q607	M-4
E301	K-3	*Q110	B-2		*Q608	L-4
E302	D-3	*Q111	B-1		*Q609	M-5
E303	H-1	*Q112	C-1		*Q610	M-5
E501	R-5	*Q113	C-2			
E502	N-1	*Q114	B-4	Q801	N	A-2
E601	M-1	*Q115	B-4	Q802	N	A-2
		*Q116	B-3	Q803	N	A-2
FB201	K-2	*Q117	B-3	Q804	N	D-3
		*Q118	B-3			
FL101	A-2	*Q119	B-3	RV101	B-2	
FL102	B-3	*Q120	B-2	RV102	B-3	
FL103	C-3	*Q121	C-4	RV103	C-4	
FL201	R-2	*Q122	C-4	RV104	C-3	
FL202	N-2	*Q123	C-4	RV105	A-2	
		*Q124	C-3	RV201	P-1	
IC101	A-3	*Q125	C-3	RV202	N-1	
IC102	C-2	*Q126	C-3	RV203	M-1	
IC103	D-4	*Q127	C-3	RV301	E-3	
IC104	G-5	*Q128	C-3	RV302	K-1	
IC201	A-1	*Q129	C-2	RV303	L-1	
IC202	B-1	*Q130	C-2	RV304	L-1	
IC205	D-2	*Q131	B-5	RV305	L-1	
IC206	D-1	*Q132	C-5	RV306	K-5	
IC207	H-1	*Q133	A-2	RV501	R-1	
IC208	E-2	*Q201	C-1	RV502	R-4	
IC209	E-2	*Q202	H-1	RV503	R-4	
IC210	G-2	*Q203	H-4	RV602	M-4	
IC211	H-1	*Q204	P-2	RV603	M-4	
IC212	J-2	*Q207	R-2			
IC213	P-1	*Q209	N-2	S201	H-4	
IC214	N-1	*Q210	R-2			
IC215	P-2	*Q211	K-2	TH201	M-1	
IC216	K-2	*Q212	R-1			
IC217	N K-2	*Q213	M-3	TP101	A-3	
IC218	K-2	*Q301	D-3	TP201	C-2	
IC219	N J-1	*Q303	E-3	TP202	C-1	
IC220	M-1	*Q305	E-3	TP301	E-3	
IC301	E-4	*Q306	E-3	TP302	E-4	
IC302	H-3	*Q307	E-3	TP303	H-1	
IC303	E-4	*Q308	J-4	TP304	L-5	
IC304	E-5	*Q309	J-4	TP305	K-4	
IC305	F-4	*Q310	F-3	TP306	J-4	
IC306	K-4	*Q311	F-3	TP307	J-5	
IC307	F-3	*Q312	K-3	TP308	N-5	
IC308	J-3	*Q313	E-4	TP309	N-5	
IC309	J-3	*Q314	E-4	TP310	F-5	
IC310	G-3	*Q315	J-3	TP501	R-4	
IC311	J-4	*Q316	F-5	TP502	P-1	
IC312	L-2	*Q317	F-5	TP503	P-5	
IC313	G-5	*Q318	E-5	TP504	N-4	
IC314	L-1	*Q319	K-3	TP601	N-4	
IC315	K-5	*Q320	J-3	TP602	M-1	
IC316	H-4	*Q321	J-4	TP603	P-5	
IC317	F-4	*Q322	J-4			
IC501	P-4	*Q323	J-4	X301	F-4	
IC502	R-5	*Q324	F-4	X302	H-4	
IC601	L-4	*Q325	F-4			
IC602	M-4	*Q508	N-2			

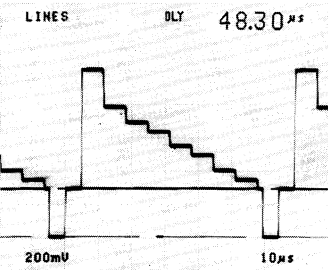
* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

① TP101 REC/EE
(COMPOSITE)

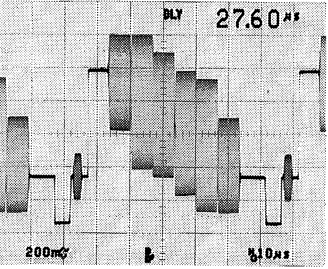


① TP101 REC/EE
(COMPONENT)

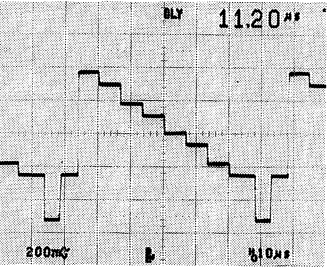


For EK

① TP101 REC/EE
(COMPOSITE)

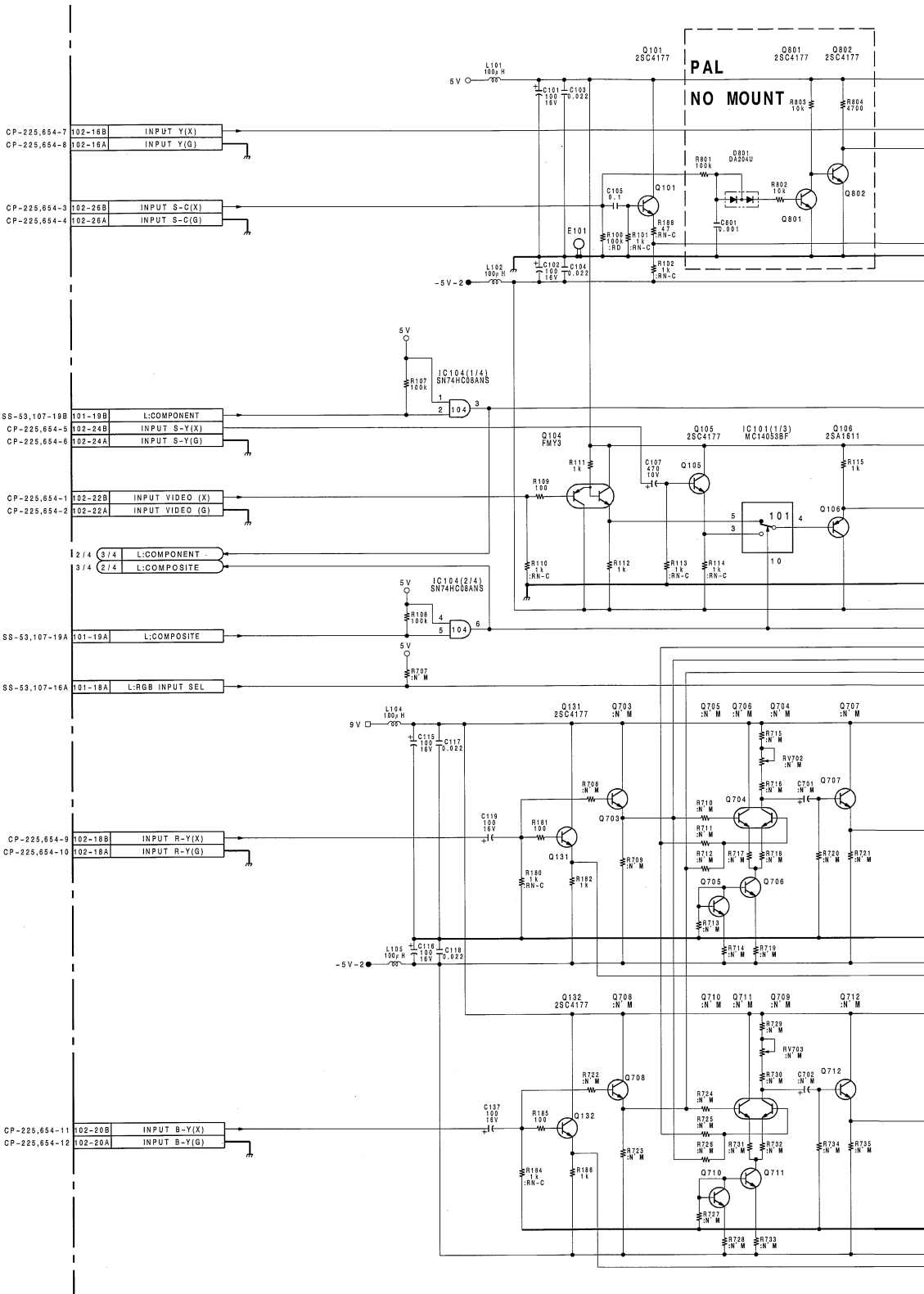


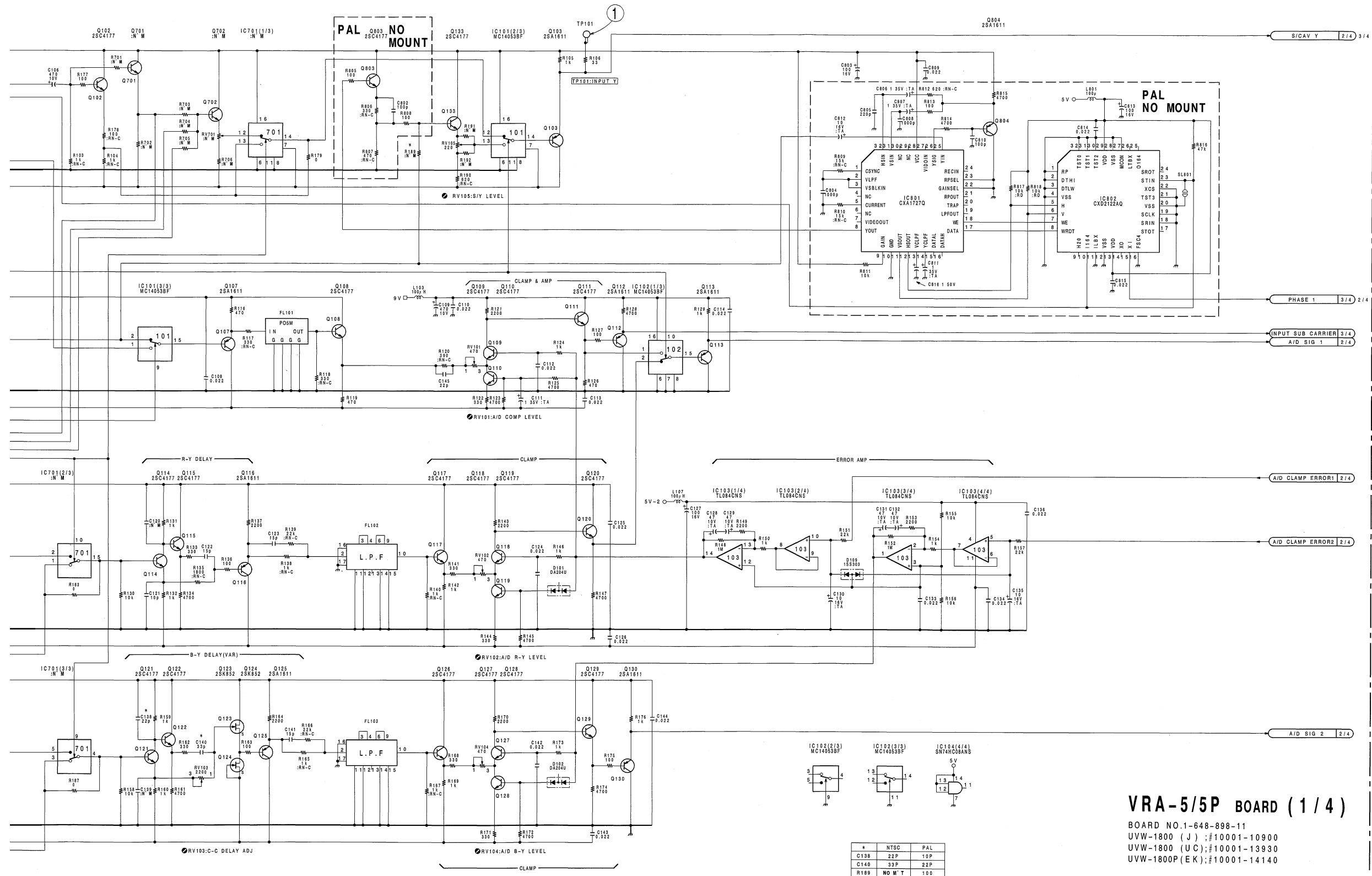
① TP101 REC/EE
(COMPONENT)



UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P (EK) ; Serial No.10001 through 14140

VRA-5/5P (1/4) ; INPUT PROCESS





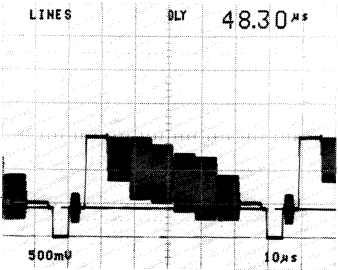
VRA-5 (1-648-898-11)

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CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
*D101	B-3	IC904		E-6	*Q514	P-4
*D102	C-3				*Q515	P-4
*D109	D-4	LV301		E-4	*Q516	N-4
*D202	H-4				*Q517	N-4
*D301	E-3	*Q101		A-3	*Q518	P-4
*D302	P F-4	*Q102		A-5	*Q519	P-5
*D303	F-4	*Q103		A-3	*Q520	P-5
D305	F-5	Q104		A-4	*Q601	L-2
D306	P J-3	*Q105		A-4	*Q602	M-2
D801	N A-2	*Q106		A-3	*Q603	N-4
		*Q107		A-3	*Q604	M-4
E101	B-4	*Q108		A-1	*Q605	M-4
E201	E-2	*Q109		B-2	*Q606	L-4
E301	K-3	*Q110		B-2	*Q607	M-4
E302	D-3	*Q111		B-1	*Q608	L-4
E303	H-1	*Q112		C-1	*Q609	M-5
E501	R-5	*Q113		C-2	*Q610	M-5
E502	N-1	*Q114		B-4	Q801	N A-2
E601	M-1	*Q115		B-4	Q802	N A-2
		*Q116		B-3	Q803	N A-2
FB201	K-2	*Q117		B-3	Q804	N D-3
		*Q118		B-3		
FL101	A-2	*Q119		B-3	RV101	B-2
FL102	B-3	*Q120		B-2	RV102	B-3
FL103	C-3	*Q121		C-4	RV103	C-4
FL201	R-2	*Q122		C-4	RV104	C-3
FL202	N-2	*Q123		C-4	RV105	A-2
		*Q124		C-3	RV201	P-1
IC101	A-3	*Q125		C-3	RV202	N-1
IC102	C-2	*Q126		C-3	RV203	M-1
IC103	D-4	*Q127		C-3	RV301	E-3
IC104	G-5	*Q128		C-3	RV302	K-1
IC201	A-1	*Q129		C-2	RV303	L-1
IC202	B-1	*Q130		C-2	RV304	L-1
IC205	D-2	*Q131		B-5	RV305	L-1
IC206	D-1	*Q132		C-5	RV306	K-5
IC207	H-1	*Q133		A-2	RV501	R-1
IC208	E-2	*Q201		C-1	RV502	R-4
IC209	E-2	*Q202		H-1	RV503	R-4
IC210	G-2	*Q203		H-4	RV602	M-4
IC211	H-1	*Q204		P-2	RV603	M-4
IC212	J-2	*Q207		R-2		
IC213	P-1	*Q209		N-2	S201	H-4
IC214	N-1	*Q210		R-2		
IC215	P-2	*Q211		K-2	TH201	M-1
IC216	K-2	*Q212		R-1		
IC217	N K-2	*Q213		M-3	TP101	A-3
IC218	K-2	*Q301		D-3	TP201	C-2
IC219	N J-1	*Q303		E-3	TP202	C-1
IC220	M-1	*Q305		E-3	TP301	E-3
IC301	E-4	*Q306		E-3	TP302	E-4
IC302	H-3	*Q307		E-3	TP303	H-1
IC303	E-4	*Q308		J-4	TP304	L-5
IC304	E-5	*Q309		J-4	TP305	K-4
IC305	F-4	*Q310		F-3	TP306	J-4
IC306	K-4	*Q311		F-3	TP307	J-5
IC307	F-3	*Q312		K-3	TP308	N-5
IC308	J-3	*Q313		E-4	TP309	N-5
IC309	J-3	*Q314		E-4	TP310	F-5
IC310	G-3	*Q315		J-3	TP501	R-4
IC311	J-4	*Q316		F-5	TP502	P-1
IC312	L-2	*Q317		F-5	TP503	P-5
IC313	G-5	*Q318		E-5	TP504	N-4
IC314	L-1	*Q319		K-3	TP601	N-4
IC315	K-5	*Q320		J-3	TP602	M-1
IC316	H-4	*Q321		J-4	TP603	P-5
IC317	F-4	*Q322		J-4		
IC501	P-4	*Q323		J-4	X301	F-4
IC502	R-5	*Q324		F-4	X302	H-4
IC601	L-4	*Q325		F-4		
IC602	M-4	*Q508		N-2		

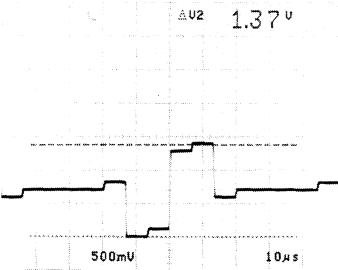
* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

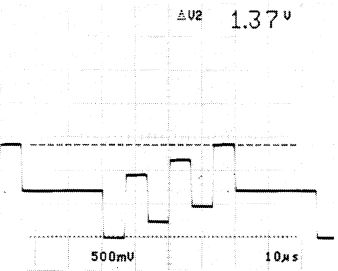
① TP201 REC/EE
(COMPOSITE)



① TP201 REC/EE
(COMPONENT)

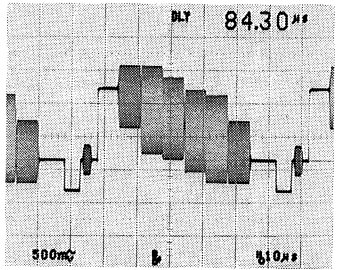


② TP202 REC/EE
(COMPONENT)

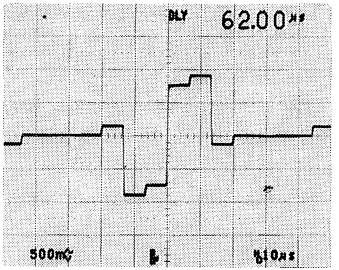


For EK

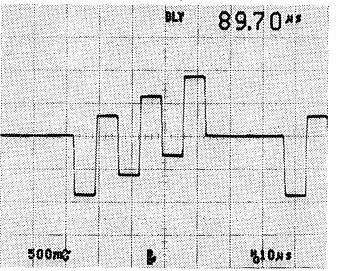
① TP201 REC/EE
(COMPOSITE)



① TP201 REC/EE
(COMPONENT)



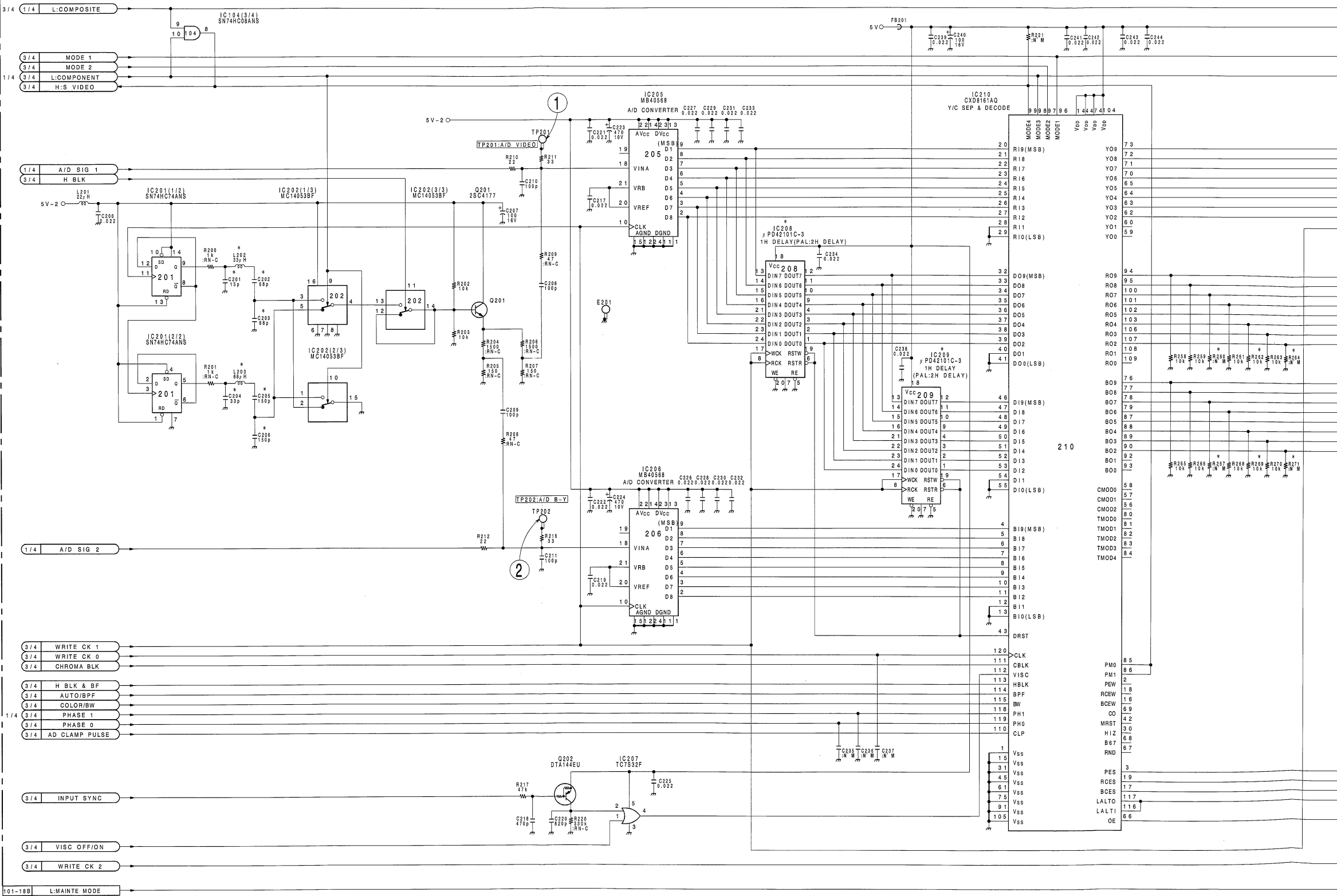
② TP202 REC/EE
(COMPONENT)



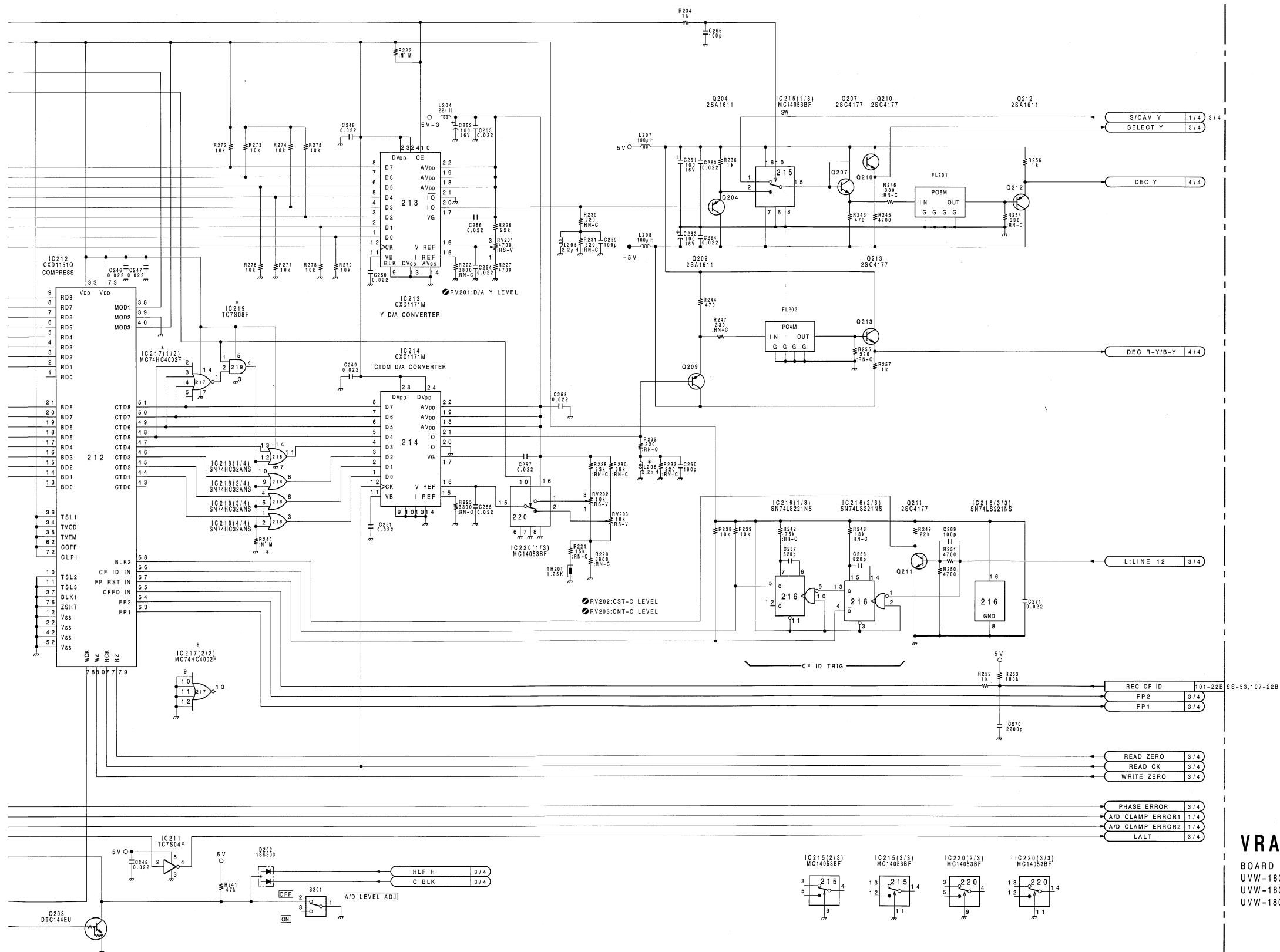
UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC); Serial No.10001 through 13930
UVW-1800P(EK); Serial No.10001 through 14140

VRA-5/5P(2/4);A/D,Y/C SEP.,DECODE,CTDM(COMP.),D/A

#	NTSC	PAL
C201	15P	10P
C202	68P	47P
C203	68P	47P
C204	33P	27P
C205	150P	120P
C206	150P	120P
R240	NO M T	0
R260	NO M T	10K
R262	10K	NO M T
R264	NO M T	10K
R267	NO M T	10K
R269	10K	NO M T
R271	NO M T	10K
L202	33UH	22UH
L203	68UH	56UH
L206	2.2UH	1.8UH
IC208	UPD42101C-3	UPD42505C-50
IC209	UPD42101C-3	UPD42505C-50
IC217	MC74HC4002F	NO M T
IC219	TC7S08F	NO M T



AP-31(31P),111-308/SS-53,107-188



VRA-5/5P BOARD (2/4)

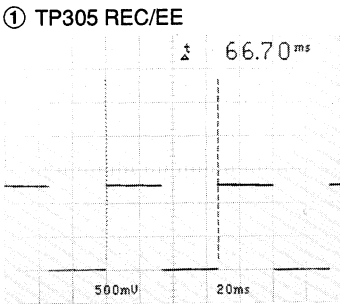
BOARD NO.1-648-898-11
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140

VRA-5 (1-648-898-11)

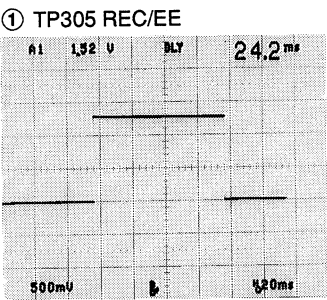
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CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
		IC904		E-6	*Q514	P-4
*D101	B-3				*Q515	P-4
*D102	C-3				*Q516	N-4
*D109	D-4	LV301		E-4	*Q517	N-4
*D202	H-4				*Q518	P-4
*D301	E-3	*Q101		A-3	*Q519	P-5
*D302	P F-4	*Q102		A-5	*Q520	P-5
*D303	F-4	*Q103		A-3	*Q601	L-2
D305	F-5	Q104		A-4	*Q602	M-2
D306	P J-3	*Q105		A-4	*Q603	N-4
D801	N A-2	*Q106		A-3	*Q604	M-4
		*Q107		A-3	*Q605	M-4
E101	B-4	*Q108		A-1	*Q606	L-4
E201	E-2	*Q109		B-2	*Q607	M-4
E301	K-3	*Q110		B-2	*Q608	L-4
E302	D-3	*Q111		B-1	*Q609	M-5
E303	H-1	*Q112		C-1	*Q610	M-5
E501	R-5	*Q113		C-2	Q801	N A-2
E502	N-1	*Q114		B-4	Q802	N A-2
E601	M-1	*Q115		B-4	Q803	N A-2
		*Q116		B-3	Q804	N D-3
FB201	K-2	*Q117		B-3		
		*Q118		B-3		
FL101	A-2	*Q119		B-3	RV101	B-2
FL102	B-3	*Q120		B-2	RV102	B-3
FL103	C-3	*Q121		C-4	RV103	C-4
FL201	R-2	*Q122		C-4	RV104	C-3
FL202	N-2	*Q123		C-4	RV105	A-2
		*Q124		C-3	RV201	P-1
IC101	A-3	*Q125		C-3	RV202	N-1
IC102	C-2	*Q126		C-3	RV203	M-1
IC103	D-4	*Q127		C-3	RV301	E-3
IC104	G-5	*Q128		C-3	RV302	K-1
IC201	A-1	*Q129		C-2	RV303	L-1
IC202	B-1	*Q130		C-2	RV304	L-1
IC205	D-2	*Q131		B-5	RV305	L-1
IC206	D-1	*Q132		C-5	RV306	K-5
IC207	H-1	*Q133		A-2	RV501	R-1
IC208	E-2	*Q201		C-1	RV502	R-4
IC209	E-2	*Q202		H-1	RV503	R-4
IC210	G-2	*Q203		H-4	RV602	M-4
IC211	H-1	*Q204		P-2	RV603	M-4
IC212	J-2	*Q207		R-2		
IC213	P-1	*Q209		N-2	S201	H-4
IC214	N-1	*Q210		R-2		
IC215	P-2	*Q211		K-2	TH201	M-1
IC216	K-2	*Q212		R-1		
IC217	N K-2	*Q213		M-3	TP101	A-3
IC218	K-2	*Q301		D-3	TP201	C-2
IC219	N J-1	*Q303		E-3	TP202	C-1
IC220	M-1	*Q305		E-3	TP301	E-3
IC301	E-4	*Q306		E-3	TP302	E-4
IC302	H-3	*Q307		E-3	TP303	H-1
IC303	E-4	*Q308		J-4	TP304	L-5
IC304	E-5	*Q309		J-4	TP305	K-4
IC305	F-4	*Q310		F-3	TP306	J-4
IC306	K-4	*Q311		F-3	TP307	J-5
IC307	F-3	*Q312		K-3	TP308	N-5
IC308	J-3	*Q313		E-4	TP309	N-5
IC309	J-3	*Q314		E-4	TP310	F-5
IC310	G-3	*Q315		J-3	TP501	R-4
IC311	J-4	*Q316		F-5	TP502	P-1
IC312	L-2	*Q317		F-5	TP503	P-5
IC313	G-5	*Q318		E-5	TP504	N-4
IC314	L-1	*Q319		K-3	TP601	N-4
IC315	K-5	*Q320		J-3	TP602	M-1
IC316	H-4	*Q321		J-4	TP603	P-5
IC317	F-4	*Q322		J-4		
IC501	P-4	*Q323		J-4	X301	F-4
IC502	R-5	*Q324		F-4	X302	H-4
IC601	L-4	*Q325		F-4		
IC602	M-4	*Q508		N-2		

* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

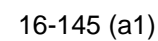
For J,UC

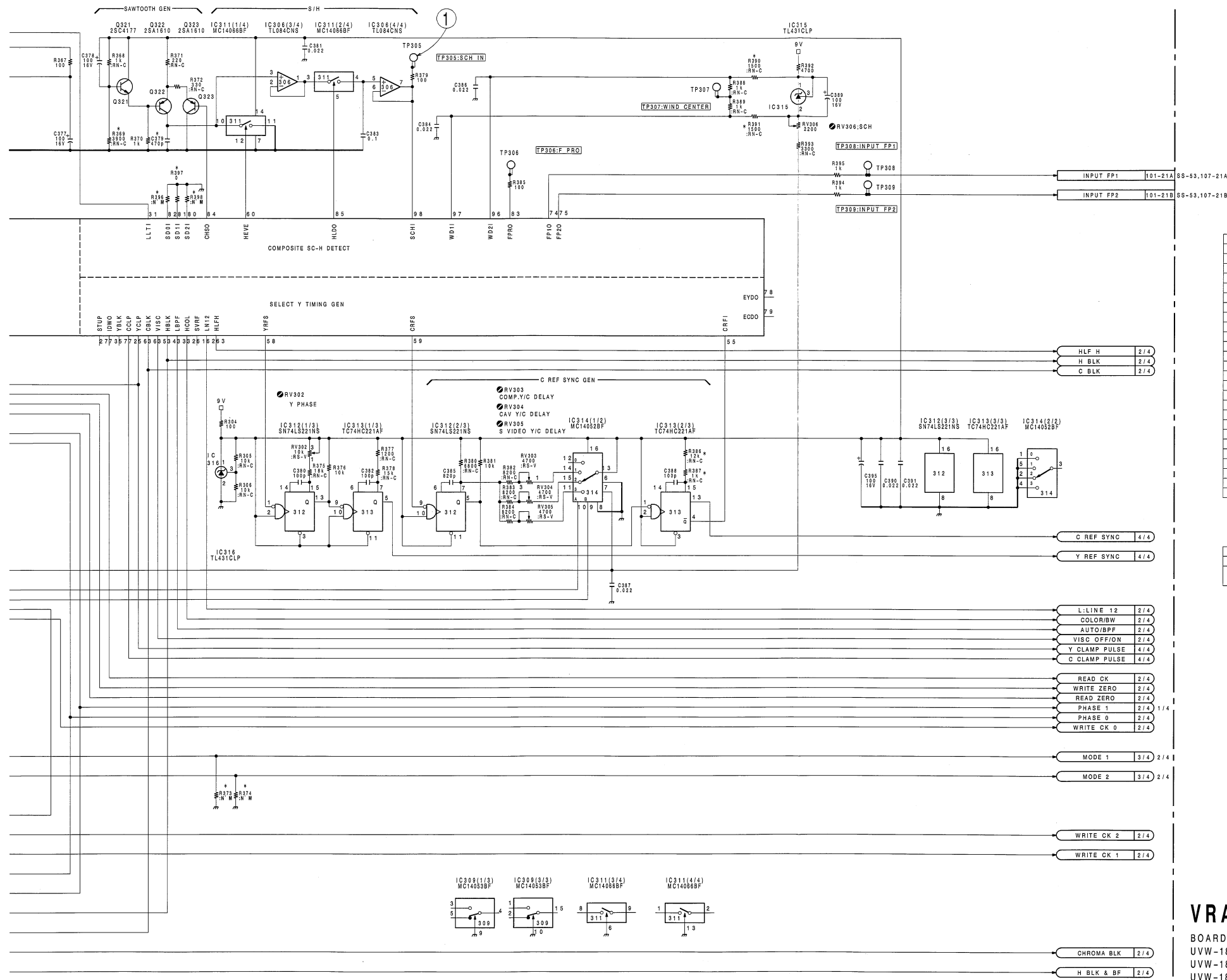


For EK



VRA-5/5P(3/4);Y/C REF SYNC,TIMING PULSE





*	NTSC	PAL
C311	47P	22P
C316	330P	220P
C356	15P	6P
C379	470P	390P
C392	6P	6P
C393	24P	18P
C394	68P	39P
R328	▲ 5600	▲ 4700
R336	▲ 100K	▲ 330K
R337	NO M'T	▲ 330K
R342	▲ 220K	▲ 68K
R369	▲ 3900	▲ 3300
R373	NO M'T	0
R374	NO M'T	0
R386	▲ 12K	▲ 12K
R387	▲ 1K	▲ 1800
R390	▲ 1500	▲ 1200
R391	▲ 1500	▲ 1200
R396	NO M'T	0
R397	0	0
R398	NO M'T	NO M'T
D302	NO M'T	DA204U
L303	47UH	33UH
L316	18UH	15UH
L317	39UH	33UH
L3301	6.8UH	5.6UH

▲ = :RN-C

*	NTSC	PAL
X301	1-527-722-21	1-579-057-11
X302	10.73865MHz	10.664135MHz
X302	1-760-109-21	1-760-183-21

VRA-5/5P BOARD (3/4)

BOARD NO.1-648-898-11
UVW-1800 (J);#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140

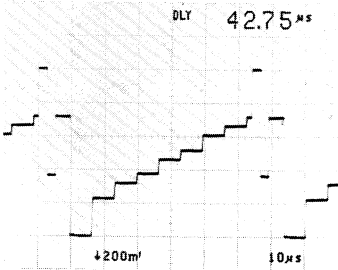
VRA-5 (1-648-898-11)

CN101	N-6	IC801	N	D-3	*Q509	P-2
CN102	C-6	IC802	N	D-2	*Q510	R-4
		IC901		K-6	*Q511	N-3
CV301	F-5	IC902		G-6	*Q512	P-4
		IC903		J-6	*Q513	P-4
*D101	B-3	IC904		E-6	*Q514	P-4
*D102	C-3				*Q515	P-4
*D109	D-4	LV301		E-4	*Q516	N-4
*D202	H-4				*Q517	N-4
*D301	E-3	*Q101		A-3	*Q518	P-4
*D302	P F-4	*Q102		A-5	*Q519	P-5
*D303	F-4	*Q103		A-3	*Q520	P-5
D305	F-5	Q104		A-4	*Q601	L-2
D306	P J-3	*Q105		A-4	*Q602	M-2
D801	N A-2	*Q106		A-3	*Q603	N-4
		*Q107		A-3	*Q604	M-4
E101	B-4	*Q108		A-1	*Q605	M-4
E201	E-2	*Q109		B-2	*Q606	L-4
E301	K-3	*Q110		B-2	*Q607	M-4
E302	D-3	*Q111		B-1	*Q608	L-4
E303	H-1	*Q112		C-1	*Q609	M-5
E501	R-5	*Q113		C-2	*Q610	M-5
E502	N-1	*Q114		B-4	Q801	N A-2
E601	M-1	*Q115		B-4	Q802	N A-2
		*Q116		B-3	Q803	N A-2
FB201	K-2	*Q117		B-3	Q804	N D-3
		*Q118		B-3		
FL101	A-2	*Q119		B-3	RV101	B-2
FL102	B-3	*Q120		B-2	RV102	B-3
FL103	C-3	*Q121		C-4	RV103	C-4
FL201	R-2	*Q122		C-4	RV104	C-3
FL202	N-2	*Q123		C-4	RV105	A-2
		*Q124		C-3	RV201	P-1
IC101	A-3	*Q125		C-3	RV202	N-1
IC102	C-2	*Q126		C-3	RV203	M-1
IC103	D-4	*Q127		C-3	RV301	E-3
IC104	G-5	*Q128		C-3	RV302	K-1
IC201	A-1	*Q129		C-2	RV303	L-1
IC202	B-1	*Q130		C-2	RV304	L-1
IC205	D-2	*Q131		B-5	RV305	L-1
IC206	D-1	*Q132		C-5	RV306	K-5
IC207	H-1	*Q133		A-2	RV501	R-1
IC208	E-2	*Q201		C-1	RV502	R-4
IC209	E-2	*Q202		H-1	RV503	R-4
IC210	G-2	*Q203		H-4	RV602	M-4
IC211	H-1	*Q204		P-2	RV603	M-4
IC212	J-2	*Q207		R-2		
IC213	P-1	*Q209		N-2	S201	H-4
IC214	N-1	*Q210		R-2		
IC215	P-2	*Q211		K-2	TH201	M-1
IC216	K-2	*Q212		R-1		
IC217	N K-2	*Q213		M-3	TP101	A-3
IC218	K-2	*Q301		D-3	TP201	C-2
IC219	N J-1	*Q303		E-3	TP202	C-1
IC220	M-1	*Q305		E-3	TP301	E-3
IC301	E-4	*Q306		E-3	TP302	E-4
IC302	H-3	*Q307		E-3	TP303	H-1
IC303	E-4	*Q308		J-4	TP304	L-5
IC304	E-5	*Q309		J-4	TP305	K-4
IC305	F-4	*Q310		F-3	TP306	J-4
IC306	K-4	*Q311		F-3	TP307	J-5
IC307	F-3	*Q312		K-3	TP308	N-5
IC308	J-3	*Q313		E-4	TP309	N-5
IC309	J-3	*Q314		E-4	TP310	F-5
IC310	G-3	*Q315		J-3	TP501	R-4
IC311	J-4	*Q316		F-5	TP502	P-1
IC312	L-2	*Q317		F-5	TP503	P-5
IC313	G-5	*Q318		E-5	TP504	N-4
IC314	L-1	*Q319		K-3	TP601	N-4
IC315	K-5	*Q320		J-3	TP602	M-1
IC316	H-4	*Q321		J-4	TP603	P-5
IC317	F-4	*Q322		J-4		
IC501	P-4	*Q323		J-4	X301	F-4
IC502	R-5	*Q324		F-4	X302	H-4
IC601	L-4	*Q325		F-4		
IC602	M-4	*Q508		N-2		

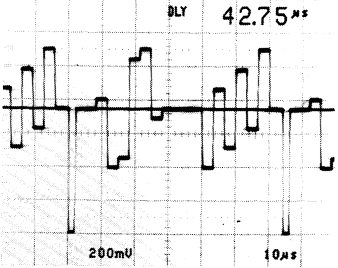
* : B SIDE
N : UVW-1800 ONLY
P : UVW-1800P ONLY

For J,UC

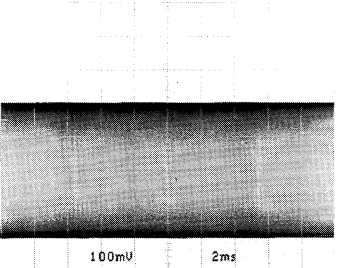
① TP502 REC/EE



② TP602 REC/EE

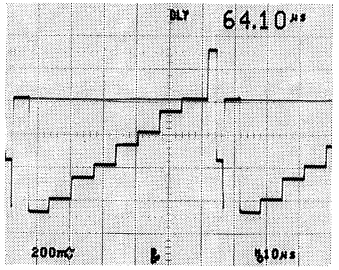


③ TP503 REC/EE
TP603 REC/EE

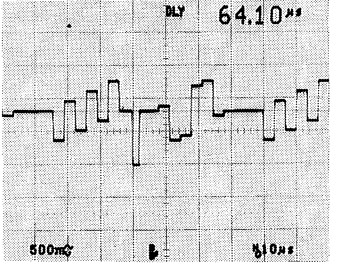


For EK

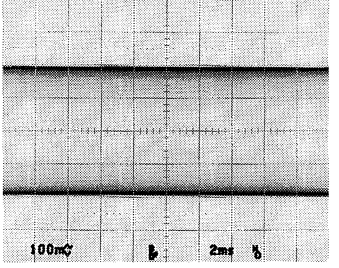
① TP502 REC/EE



② TP602 REC/EE

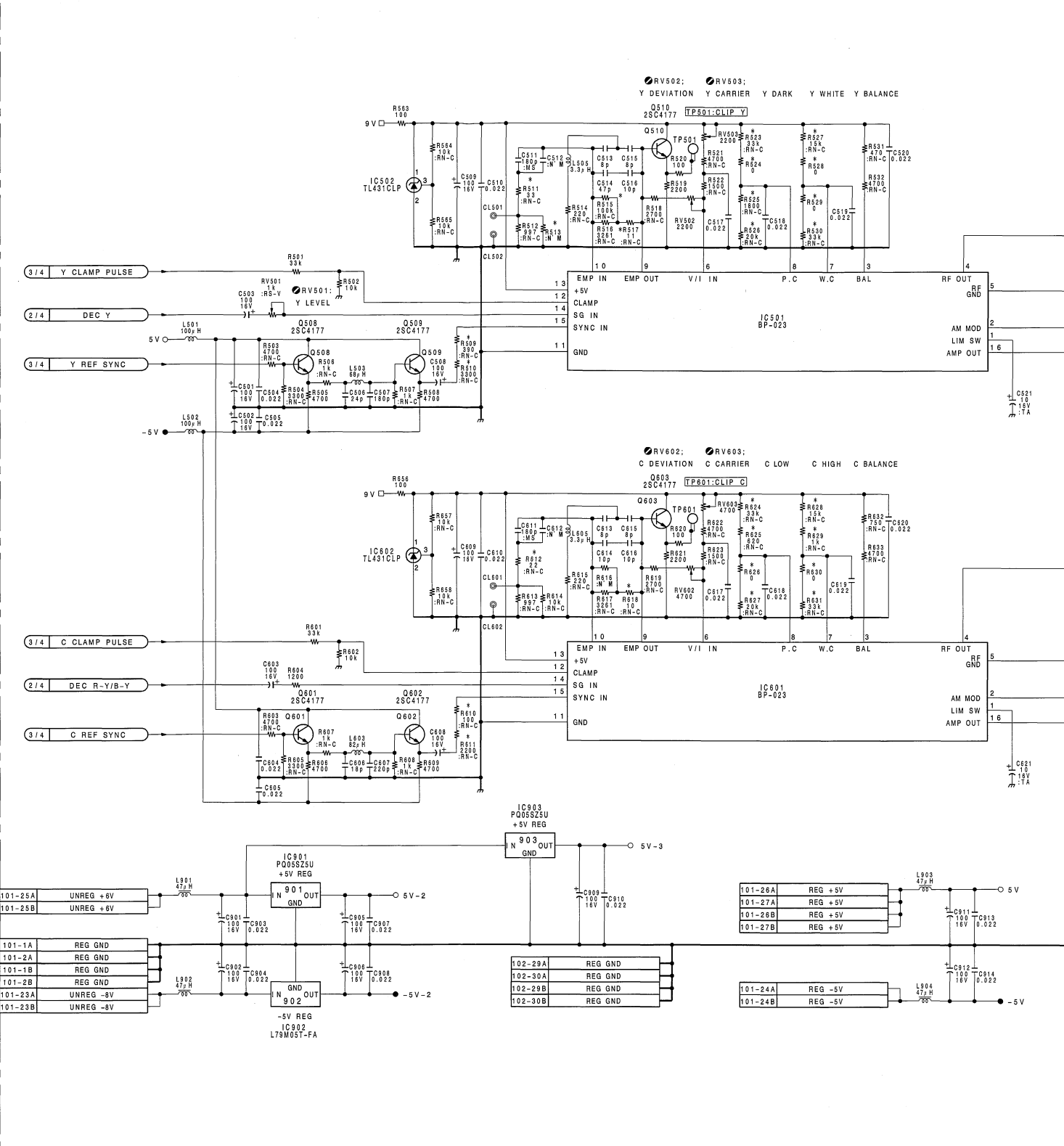


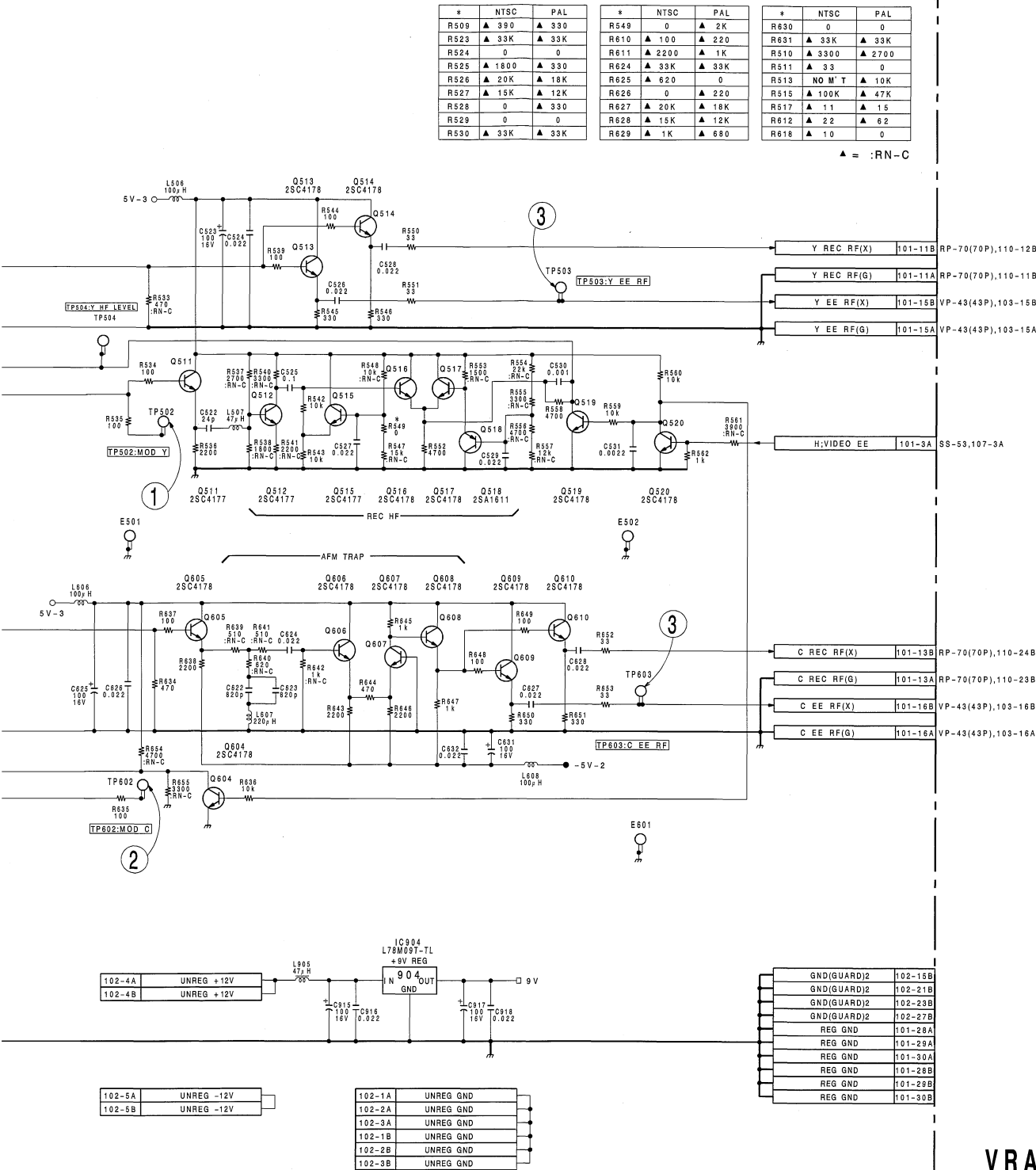
③ TP503 REC/EE
TP603 REC/EE



UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC);Serial No.10001 through 13930
UVW-1800P(EK);Serial No.10001 through 14140

VRA-5/5P(4/4);Y/C MOD,Y REC HF

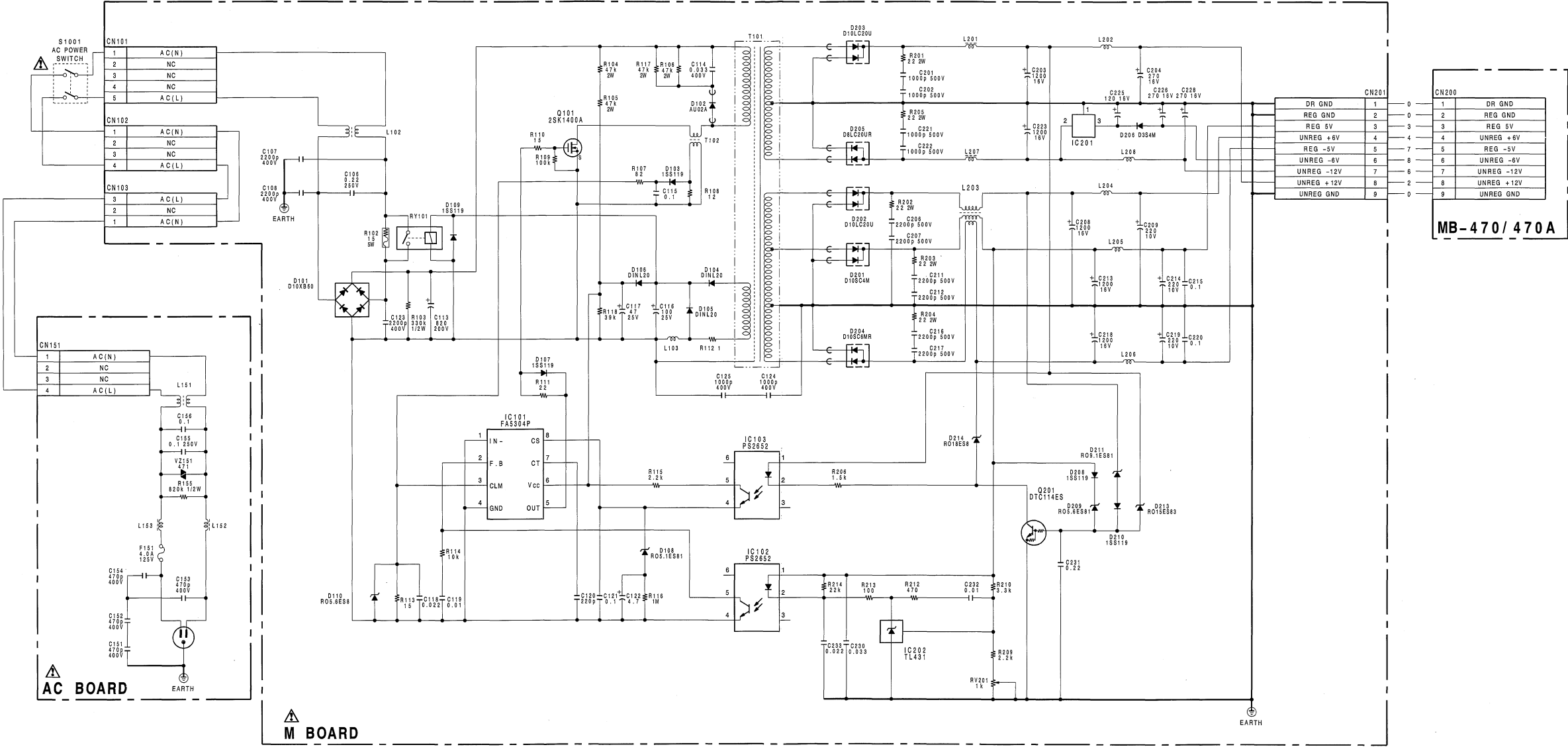




VRA-5/5P BOARD (4 / 4)

BOARD NO.1-648-898-11
 UVW-1800 (J) ;#10001-10900
 UVW-1800 (U C) ;#10001-13930
 UVW-1800P (E K) ;#10001-14140

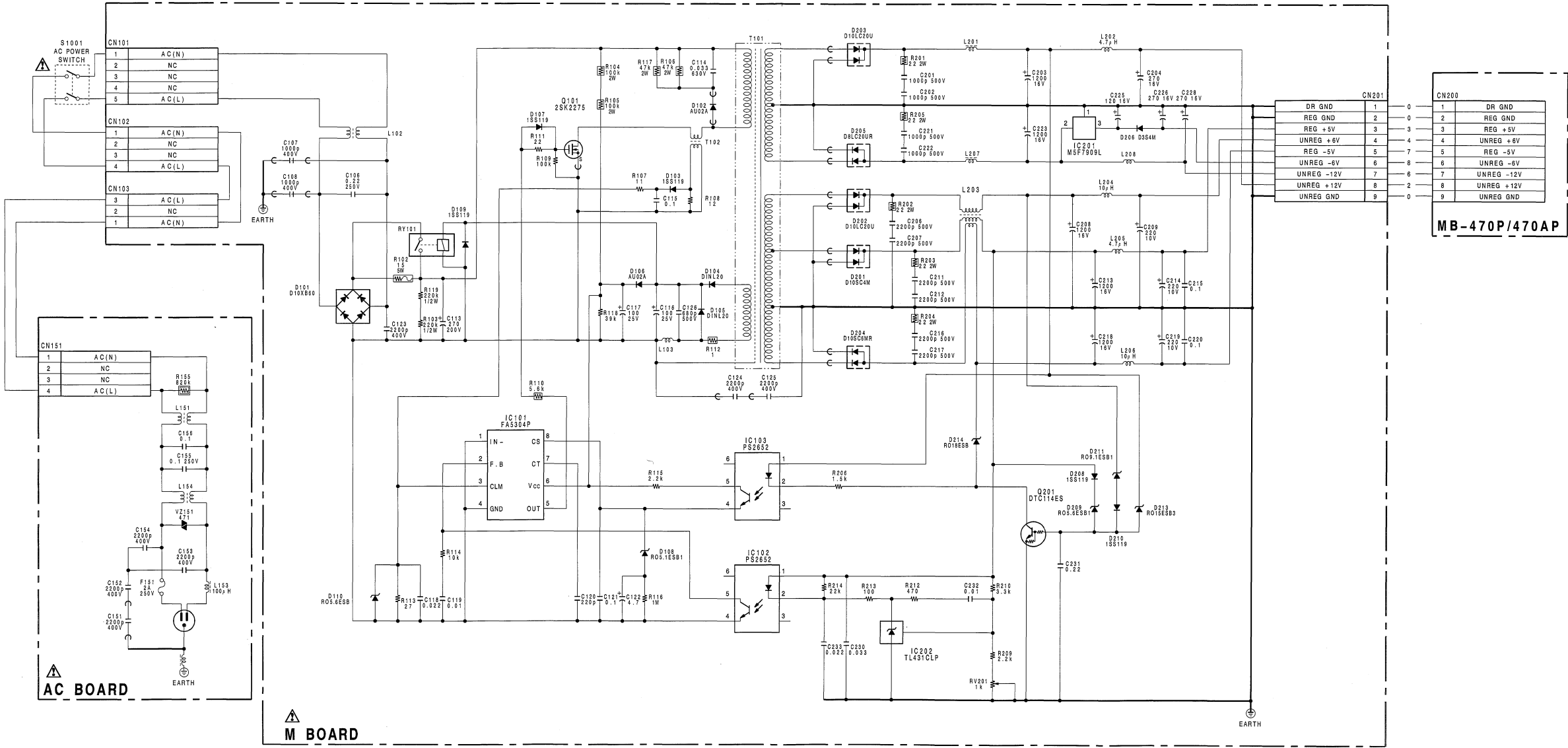
SOPS-1045;POWER SUPPLY(SWITCHING REGULATOR)(FOR J,UC)



SOPS-1045 BOARD

BOARD NO.1-649-935-11
UVW-1800(J) ;#10001-
UVW-1800(UC);#10001-
UVW-1600(J) ;#10001-
UVW-1600(UC);#10001-

SOPS-1046;POWER SUPPLY(SWITCHING REGULATOR)(FOR EK)



SOPS-1046 BOARD

BOARD NO.1-413-925-11,12
UVW-1800P(EK);#10001-
UVW-1600P(EK);#10001-

	1800P	1600P
-11	-	S/N 10001-10600
-12	S/N 10001-	S/N 10601-

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC) ; Serial No.13931 and higher
UVW-1800P(EK) ; Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC) ; Serial No.12901 and higher
UVW-1600P(EK) ; Serial No.13781 and higher

MB-470/470A/470P/470AP(1/4);MOTHER BOARD

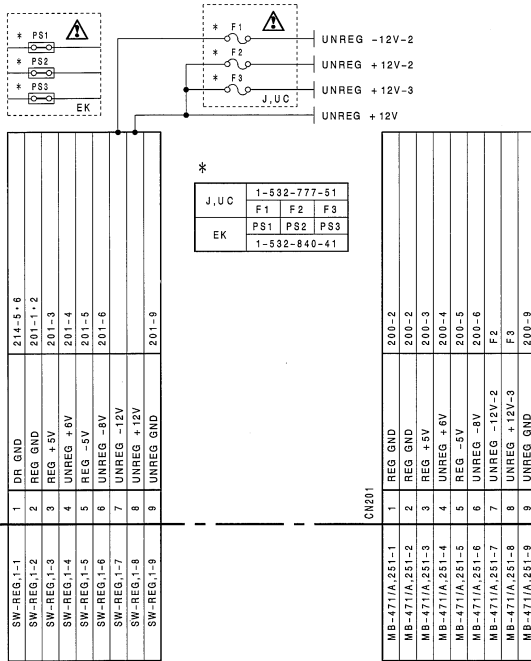
VRA-5/5P

VRA-5/5P		CN101	
A		B	
200-2	REG GND	1	REG GND
200-1	REG GND	2	REG GND
103-3A,105-3A	H:VIDEO EE	3	NC
NC		4	NC
NC		5	NC
NC		6	NC
NC		7	NC
NC		8	NC
NC		9	NC
NC		10	NC
211-12	Y REC RF(G)	11	Y REC RF(X)
NC		12	NC
211-6	C REC RF(G)	13	C REC RF(X)
NC		14	NC
103-15A	Y EE RF(G)	15	Y EE RF(X)
103-16A	C EE RF(G)	16	C EE RF(X)
NC		17	NC
107-16A	L:RGB INPUT SEL	18	L:MAINT MODE
107-19A	L:COMPOSITE	19	L:COMPONENT
107-20A	H:STD/L:NON STD	20	NC
107-21A	INPUT FP1	21	INPUT FP2
107-22A	INPUT SYNC	22	REC CF ID
200-6	UNREG -8V	23	UNREG -8V
200-5	REG -5V	24	REG -5V
200-4	UNREG +8V	25	UNREG +8V
200-3	REG +5V	26	REG +5V
200-2	REG GND	27	REG +5V
200-2	REG GND	28	REG GND
200-2	REG GND	29	REG GND
200-2	REG GND	30	REG GND

VRA-5/5P		CN102	
A		B	
200-9	UNREG GND	1	UNREG GND
200-9	UNREG GND	2	UNREG GND
200-9	UNREG GND	3	UNREG GND
F2	UNREG +12V-2	4	UNREG +12V-2
F1	UNREG -12V-2	5	UNREG -12V-2
NC		6	NC
NC		7	NC
NC		8	S DATA
NC		9	SCK
NC		10	STRB
NC		11	NC
NC		12	NC
NC		13	NC
NC		14	NC
NC		15	GND(GUARD)2
271-8	INPUT Y(G)	16	INPUT Y(X)
271-10	INPUT R-Y(G)	17	NC
271-12	INPUT B-Y(G)	20	INPUT B-Y(X)
271-2	INPUT VIDEO(G)	21	GND(GUARD)2
271-6	INPUT S-Y(G)	22	INPUT VIDEO(X)
271-4	INPUT S-C(G)	23	GND(GUARD)2
NC		24	INPUT S-Y(X)
NC		25	NC
NC		26	INPUT S-C(X)
NC		27	GND(GUARD)2
NC		28	NC
REG GND		29	REG GND
REG GND		30	REG GND

VP-43/43A/

VP-43/43A/43P/43AP		CN103	
A		B	
101-1-2	REG GND	1	REG GND
101-1-2	REG GND	2	REG GND
105-3A,101-3A	H:VIDEO EE	3	CTL SIG
105-4A,107-4A	L:FWD/REV X13	4	TRACKING CONT(X)
105-23B	L:JIG EXIST	5	L:NO SIG
105-6A,107-6A	Y SW PLS	6	C SW PLS
231-12	LTC EQ(G)	7	LTC EQ(X)
107-14A	L:SLOW BID	8	VP SPARE
211-10	Y A PB RF(G)	9	Y A PB RF(X)
211-8	Y B PB RF(G)	10	Y B PB RF(X)
NC		11	GND(GUARD)1
211-4	C A PB RF(G)	12	C A PB RF(X)
211-2	C B PB RF(G)	13	C B PB RF(X)
NC		14	GND(GUARD)1
101-15A	Y EE RF(G)	15	Y EE RF(X)
101-16A	C EE RF(G)	16	C EE RF(X)
NC		17	GND
105-18A	DEMODO Y(G)	18	DEMODO Y(X)
105-19A	DEMODO C(G)	19	DEMODO C(X)
107-14B	SV DO PLS	20	L:OXIDE/H:METAL
105-21A	Y DO PLS	21	C DO PLS
105-20A	TBC SPEED	22	L:NOISE LESS PB
101-23	UNREG -8V	23	UNREG -8V
101-24	REG -5V	24	REG -5V
101-25	UNREG +8V	25	UNREG +8V
101-26-27	REG +5V	26	REG +5V
101-26-27	REG +5V	27	REG +5V
101-28-29-30	REG GND	28	REG GND
101-28-29-30	REG GND	29	REG GND
101-28-29-30	REG GND	30	REG GND



CN201	
1	REG GND
2	REG GND
3	REG +5V
4	UNREG +8V
5	REG -5V
6	UNREG -8V
7	UNREG -12V-2
8	UNREG +12V-3
9	UNREG GND

CN211	
1	C B PB RF(X)
2	C B PB RF(G)
3	C A PB RF(X)
4	C A PB RF(G)
5	C REC RF(X)
6	C REC RF(G)
7	Y B PB RF(X)
8	Y B PB RF(G)
9	Y A PB RF(X)
10	Y A PB RF(G)
11	Y REC RF(X)
12	Y REC RF(G)

CN231	
1	L:LTIC ERASE ON
2	REC LTC
3	L:AU CH 2 ERASE ON
4	L:AU CH 1 ERASE ON
5	L:AU CH 2 REC MUTE
6	L:AU CH 1 REC MUTE
7	H:OSC OFF
8	L:AU CH 1 BIAS ON
9	L:AU CH 2 BIAS ON
10	PB LTC
11	LTC EQ(X)
12	LTC EQ(G)
13	H:CTL CUT
14	L:AU CH 1 HEAD REC
15	L:AU CH 1 PB MUTE
16	L:AU CH 2 PB MUTE
17	L:AU CH 2 HEAD REC
18	L:AU CH 1 PB
19	L:AU CH 2 PB
20	H:LTIC PB
21	L:AUDIO ATT ON
22	L:SLOW EQ ON
23	H:NR ON
24	L:MAINT MODE
25	DEW DET(X)
26	DEW DET(G)
27	H:FULL ERASE ON
28	L:RE B CONT
29	L:RE A CONT
30	L:LC B REC EN A/V
31	L:LC A REC EN A/V
32	L:REC CONT
33	L:Y B REC EN A/V
34	L:Y A REC EN A/V

43P/43AP

TBC-25/25P

VP-43/43A/43P/43AP CN104			
A		B	
102-1*2*3	UNREG GND	1	UNREG GND
102-1*2*3	UNREG GND	2	UNREG GND
102-1*2*3	UNREG GND	3	UNREG GND
102-4	UNREG +12V	4	UNREG +12V
102-5	UNREG -12V	5	UNREG -12V
107-16B	L:RGB OUTPUT SEL	6	NC
106-7A	TBC' d Y(G)	7	TBC' d Y(X)
106-8A	TBC' d B-Y(G)	8	TBC' d B-Y(X)
106-9A	TBC' d R-Y(G)	9	TBC' d R-Y(X)
	NC	10	GND(GUARD)3
106-11A	U AXIS SC(G)	11	U AXIS SC(X)
106-12A	V AXIS SC(G)	12	V AXIS SC(X)
	NC	13	GND(GUARD)
268-3	OUTPUT S-Y(G)	14	OUTPUT S-Y(X)
268-1	OUTPUT S-C(G)	15	OUTPUT S-C(X)
	NC	16	GND(GUARD)3
269-5	OUTPUT Y 1(G)	17	OUTPUT Y 1(X)
268-9	OUTPUT Y 2(G)	18	OUTPUT Y 2(X)
269-1	OUTPUT B-Y 1(G)	19	OUTPUT B-Y 1(X)
268-13	OUTPUT B-Y 2(G)	20	OUTPUT B-Y 2(X)
269-3	OUTPUT R-Y 1(G)	21	OUTPUT R-Y 1(X)
268-11	OUTPUT R-Y 2(G)	22	OUTPUT R-Y 2(X)
106-21A	ENC CLAMP	23	GND(GUARD)3
268-5	OUTPUT VIDEO 1(G)	24	OUTPUT VIDEO 1(X)
268-7	OUTPUT VIDEO 2(G)	25	OUTPUT VIDEO 2(X)
106-7A,107-7A	HD	26	H:WIDE
107-15A	CHARA FRAME	27	OUTPUT SYNC
107-15B	CHARA SIG	28	ENC BLANK
102-29*30	REG GND	29	REG GND
102-29*30	REG GND	30	REG GND

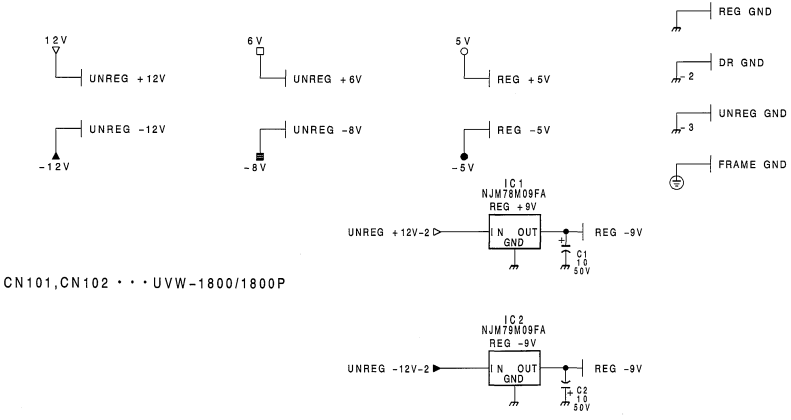
TBC-25/25P CN105			
A		B	
103-1*2	REG GND	1	REG GND
103-1*2	REG GND	2	REG GND
107-3A,103-3A	H:VIDEO EE	3	L:NOISE LESS PB
107-4A,103-4A	L:FWD/REV X13	4	H:FWD/L:REV
107-5A	L:TBC MUTE	5	L:NO SIG
107-6A,103-6A	Y SW PLS	6	C SW PLS
107-7A,104-26A	HD	7	PB SYNC
107-8A	REF SYNC	8	REF 1ST FIELD
107-9A	VD	9	SERV V
107-10A	L:FWD/REV X15	10	H:EXT SC DET
107-11A	H:EXT SYNC DET	11	PB FP1
107-12A	PB FP2	12	L:SYNC DELAY
107-13A	TAPE SPEED	13	L:CS TBC
	NC	14	L:MAINT MODE
	NC	15	NC
	NC	16	NC
107-18A	TBC SPARE	17	GND
103-18A	DEMOD Y(G)	18	DEMOD Y(X)
103-19A	DEMOD C(G)	19	DEMOD C(X)
	NC	20	GND
103-21A	Y DO PLS	21	C DO PLS
	NC	22	H:CHROMA MUTE
103-23	UNREG -8V	23	UNREG -8V
103-24	REG -5V	24	REG -5V
103-25	UNREG +6V	25	UNREG +6V
103-26*27	REG +5V	26	REG +5V
103-26*27	REG +5V	27	REG +5V
103-28*29*30	REG GND	28	REG GND
103-28*29*30	REG GND	29	REG GND
103-28*29*30	REG GND	30	REG GND

TBC-25/25P CN106			
A		B	
104-1*2*3	UNREG GND	1	UNREG GND
104-1*2*3	UNREG GND	2	UNREG GND
104-1*2*3	UNREG GND	3	UNREG GND
104-4	UNREG +12V-2	4	UNREG +12V-2
104-5	UNREG -12V-2	5	UNREG -12V-2
267-1	INPUT REF(G)	6	INPUT REF(X)
104-7A	TBC' d Y(G)	7	TBC' d Y(X)
104-8A	TBC' d B-Y(G)	8	TBC' d B-Y(X)
104-9A	TBC' d R-Y(G)	9	TBC' d R-Y(X)
	NC	10	GND(GUARD)3
104-11A	U AXIS SC(G)	11	U AXIS SC(X)
104-12A	V AXIS SC(G)	12	V AXIS SC(X)
	NC	13	GND(GUARD)3
267-6	DUB INPUT REF(G)	14	DUB INPUT REF(X)
	NC	15	NC
102-8B	S DATA	16	NC
102-9B	SCK	17	NC
102-10B	STRB	18	L:OXIDE/H:METAL
	GND(GUARD)3	19	H:WIDE
103-22A	TBC SPEED	20	OUTPUT SYNC
104-22A	ENC CLAMP	21	ENC BLANK
109-23A,262-8	L:SYSTEM RESET	22	LOCAL SYNC PHASE
109-23A,262-6	SERIAL CLOCK	23	L:SERIAL READY
109-24A,262-4	SERIAL RX	24	SERIAL TX
232-7	REMOTE SYNC PHASE	25	LOCAL SC PHASE
232-8	REMOTE SC PHASE	26	HUE
232-11	SET UP	27	OUTPUT VIDEO LEVEL
232-13	OUTPUT CHROMA LEVEL	28	Y/C DELAY
104-29*30	REG GND	29	REG GND
104-29*30	REG GND	30	REG GND

CN232	
1	FRAME GND
2	FRAME GND
3	R X (-)
4	R X (+)
5	T X (+)
6	T X (-)
7	REMOTE SYNC PHASE
8	HUE
9	REMOTE SC PHASE
10	OUTPUT VIDEO LEVEL
11	SET UP
12	Y/C DELAY
13	OUTPUT CHROMA LEVEL
14	REG -9V
15	REG +9V
16	REG GND
17	REG GND

CN235	
1	SIRCS VCC
2	SIRCS DATA
3	SIRCS GND

CN232	
1	REG GND
2	REG GND
3	SERIAL TX
4	SERIAL RX
5	L:SERIAL READY
6	SERIAL CLOCK
7	L:CS KEY
8	L:SYSTEM RESET
9	L:CS DOT
10	LOCAL SYNC PHASE
11	LOCAL SC PHASE
12	REG +5V
13	REG +5V
14	UNREG +12V-2
15	UNREG +12V-2

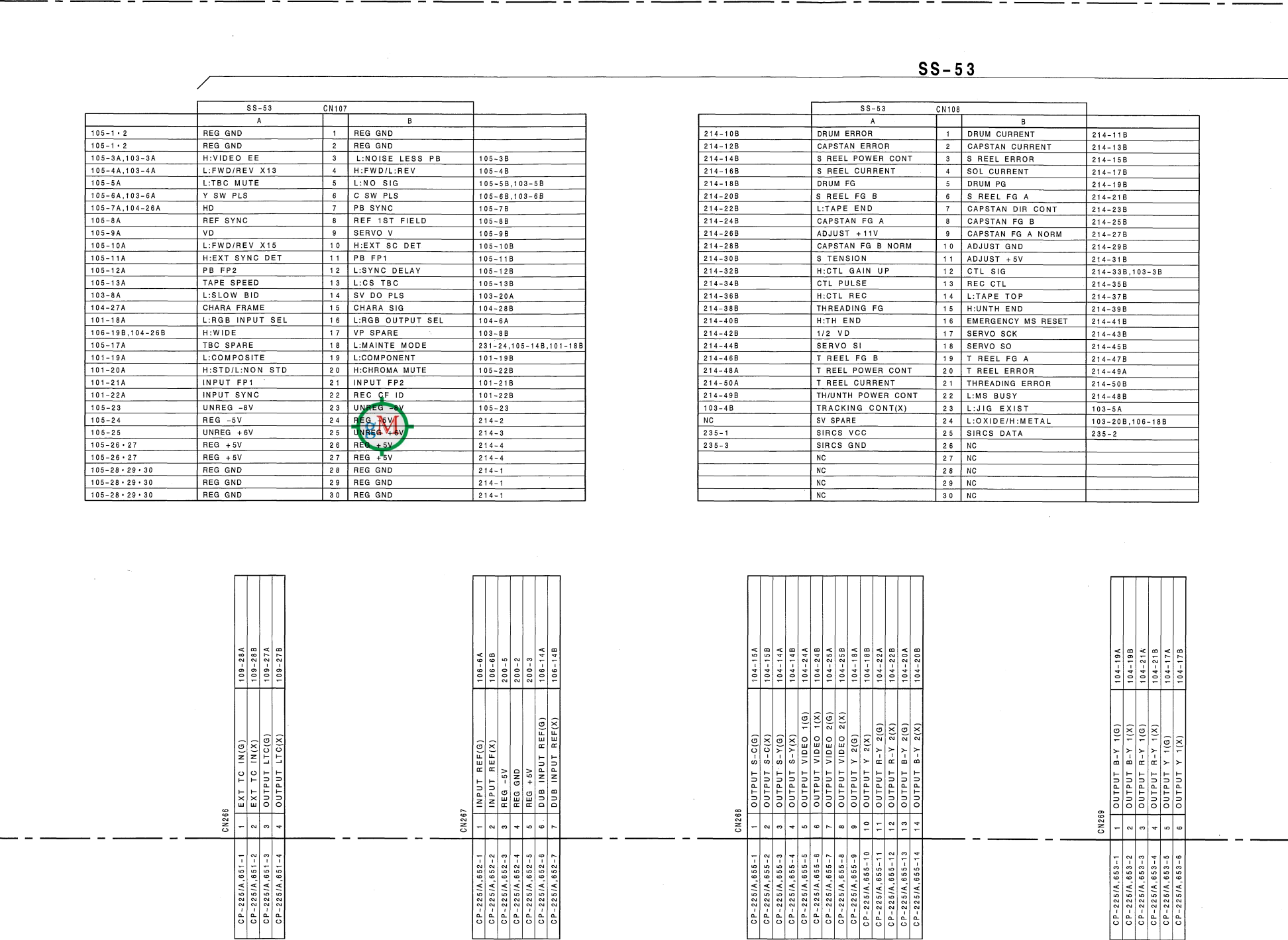


MB-470/470A
MB-470P/470AP BOARD (1/4)

BOARD NO.1-648-918-12,22
UVW-1800 (J);#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-
UVW-1600 (J);#10601-
UVW-1600 (UC);#12901-
UVW-1600P(EK);#13781-

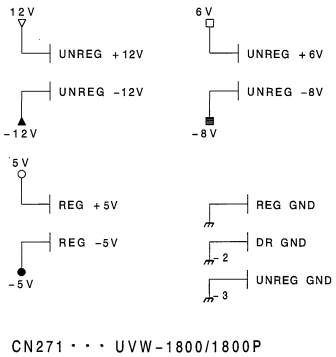
UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC); Serial No.13931 and higher
UVW-1800P(EK); Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC); Serial No.12901 and higher
UVW-1600P(EK); Serial No.13781 and higher

MB-470/470A/470P/470AP(2/4) ;MOTHER BOARD



SS-53		CN109	
A			B
106-1•2•3	UNREG GND	1	UNREG GND
106-1•2•3	UNREG GND	2	UNREG GND
106-1•2•3	UNREG GND	3	UNREG GND
106-4	UNREG +12V-2	4	UNREG +12V-2
106-5	UNREG -12V-2	5	UNREG -12V-2
231-33	L:Y B REC EN A/V	6	L:Y A REC EN A/V 231-34
231-30	L:C B REC EN A/V	7	L:REC CONT 231-32
231-28	L:RE B CONT	8	L:C A REC EN A/V 231-31
231-27	H:FULL ERASE ON	9	L:RE A CONT 231-29
231-23	H:NR ON	10	L:SLOW EQ ON 231-22
231-20	H:LTC PB	11	L:AUDIO ATT ON 231-21
231-17	L:AU CH 2 HEAD REC	12	L:AU CH 2 PB 231-19
231-14	L:AU CH 1 HEAD REC	13	L:AU CH 1 PB 231-18
231-10	PB LTC	14	L:AU CH 2 PB MUTE 231-16
231-9	L:AU CH 2 BIAS ON	15	L:AU CH 1 PB MUTE 231-15
231-8	L:AU CH 1 BIAS ON	16	H:CTL CUT 231-13
231-7	H:OSC OFF	17	L:CS DOT 262-9
231-6	L:AU CH 2 REC MUTE	18	L:AU CH 1 REC MUTE 231-6
231-1	L:LTC ERASE ON	19	L:AU CH 1 ERASE ON 231-4
231-2	REC LTC	20	L:AU CH 2 ERASE ON 231-3
231-25	DEW DET(X)	21	DEW DET(G) 231-26
262-8,106-22A	L:SYSTEM RESET	22	L:CS KEY 262-7
262-6,106-23A	SERIAL CLOCK	23	L:SERIAL READY 106-23B,262-5
262-4,106-24A	SERIAL RX	24	SERIAL TX 106-24B,262-3
232-6	TX(-)	25	TX(+)
232-3	RX(-)	26	RX(+)
266-3	OUTPUT LTC(G)	27	OUTPUT LTC(X)
266-1	EXT TC IN(G)	28	EXT TC IN(X)
106-29•30	REG GND	29	REG GND 250-9•10,251-1•2
106-29•30	REG GND	30	REG GND 250-9•10,251-1•2

CN271	
1	INPUT VIDEO(X)
2	INPUT VIDEO(G)
3	INPUT S-C(X)
4	INPUT S-C(G)
5	INPUT S-Y(X)
6	INPUT S-Y(G)
7	INPUT Y(X)
8	INPUT Y(G)
9	INPUT R-Y(X)
10	INPUT R-Y(G)
11	INPUT B-Y(X)
12	INPUT B-Y(G)



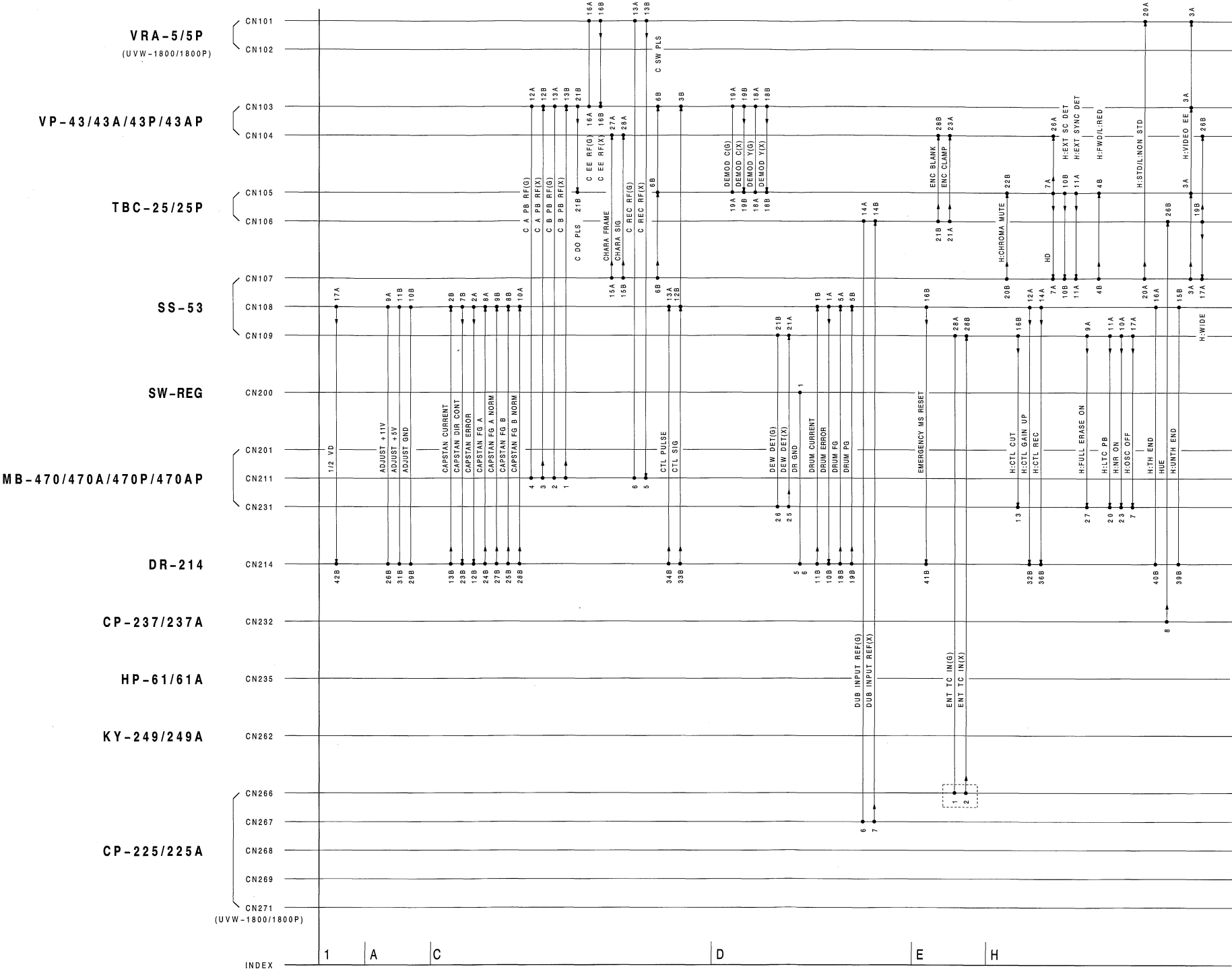
DR-214	
CN214	
A	B
REG GND	1 REG GND 107-28,29,30
REG -5V	2 REG -5V 107-24
UNREG +6V	3 UNREG +6V 107-25
REG +5V	4 REG +5V 107-26,27
DR GND	5 DR GND 200-1
DR GND	6 DR GND 200-1
UNREG +12V	7 UNREG +12V 200-8
UNREG +12V	8 UNREG +12V 200-8
UNREG -12V-2	9 UNREG -12V-2
NC	10 DRUM ERROR 108-1A
NC	11 DRUM CURRENT 108-1B
NC	12 CAPSTAN ERROR 108-2A
NC	13 CAPSTAN CURRENT 108-2B
NC	14 S REEL POWER CONT 108-3A
NC	15 S REEL ERROR 108-3B
NC	16 S REEL CURRENT 108-4A
NC	17 SOL CURRENT 108-4B
NC	18 DRUM FG 108-5A
NC	19 DRUM PG 108-5B
NC	20 S REEL FG B 108-6A
NC	21 S REEL FG A 108-6B
NC	22 L:TAPE END 108-7A
NC	23 CAPSTAN DIR CONT 108-7B
NC	24 CAPSTAN FG A 108-8A
NC	25 CAPSTAN FG B 108-8B
NC	26 ADJUST +11V 108-9A
NC	27 CAPSTAN FG A NORM 108-9B
NC	28 CAPSTAN FG B NORM 108-10A
NC	29 ADJUST GND 108-10B
NC	30 S TENSION 108-11A
NC	31 ADJUST +5V 108-11B
NC	32 H:CTL GAIN UP 108-12A
NC	33 CTL SIG 108-12B,103-3B
NC	34 CTL PULSE 108-13A
NC	35 REC CTL 108-13B
NC	36 H:CTL REC 108-14A
NC	37 L:TAPE TOP 108-14B
NC	38 THREADING FG 108-15A
NC	39 H:UNTH END 108-15B
NC	40 H:TH END 108-16A
NC	41 EMERGENCY MS RESET 108-16B
NC	42 1/2 VD 108-17A
NC	43 SERVO SCK 108-17B
NC	44 SERVO SI 108-18A
NC	45 SERVO SO 108-18B
NC	46 T REEL FG B 108-19A
NC	47 T REEL FG A 108-19B
108-20A	T REEL POWER CONT 48 L:MS BUSY 108-22B
108-20B	T REEL ERROR 49 TH/UNTH POWER CONT 108-22A
108-21A	T REEL CURRENT 50 THREADING ERROR 108-21B

MB-470/470A
MB-470P/470AP BOARD (2/4)

BOARD NO.1-648-918-12,22
UVW-1800 (J);#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-
UVW-1600 (J);#10601-
UVW-1600 (UC);#12901-
UVW-1600P(EK);#13781-

UVW-1800 (J) ; Serial No.10901 and higher
UVW-1800 (UC); Serial No.13931 and higher
UVW-1800P(EK); Serial No.14141 and higher
UVW-1600 (J) ; Serial No.10601 and higher
UVW-1600 (UC); Serial No.12901 and higher
UVW-1600P(EK); Serial No.13781 and higher

MB-470/470A/470P/470AP(3/4);MOTHER BOARD





BOARD NO.1-648-918-12,22
UVW-1800 (J) ;#10901-
UVW-1800 (UC) ;#13931-
UVW-1800P (EK) ;#14141-
UVW-1600 (J) ;#10601-
UVW-1600 (UC) ;#12901-
UVW-1600P (EK) ;#13781-

UVW-1800 (J) ; Serial No.10901 and higher

UVW-1800 (UC); Serial No.13931 and higher

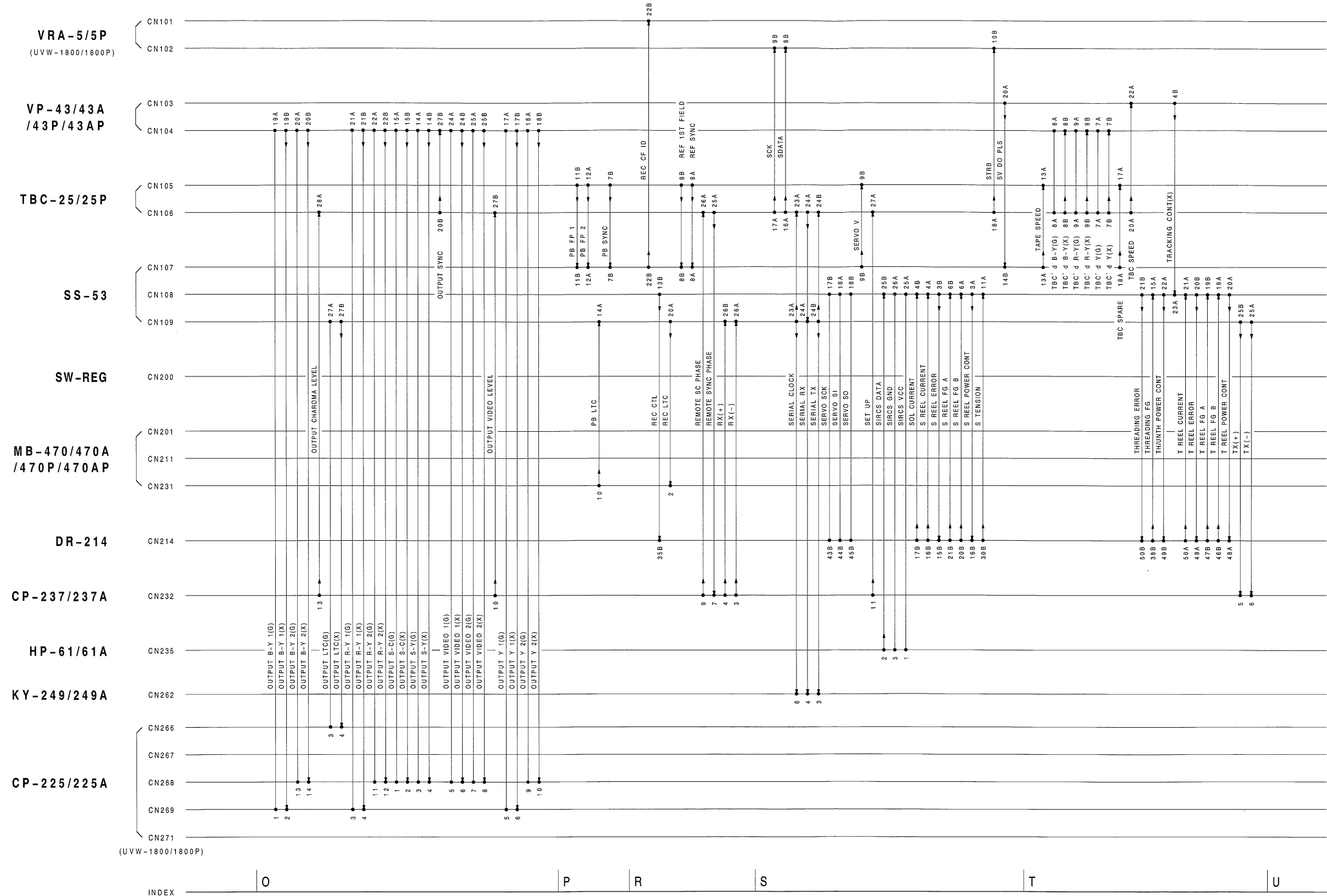
UVW-1800P(EK); Serial No.14141 and higher

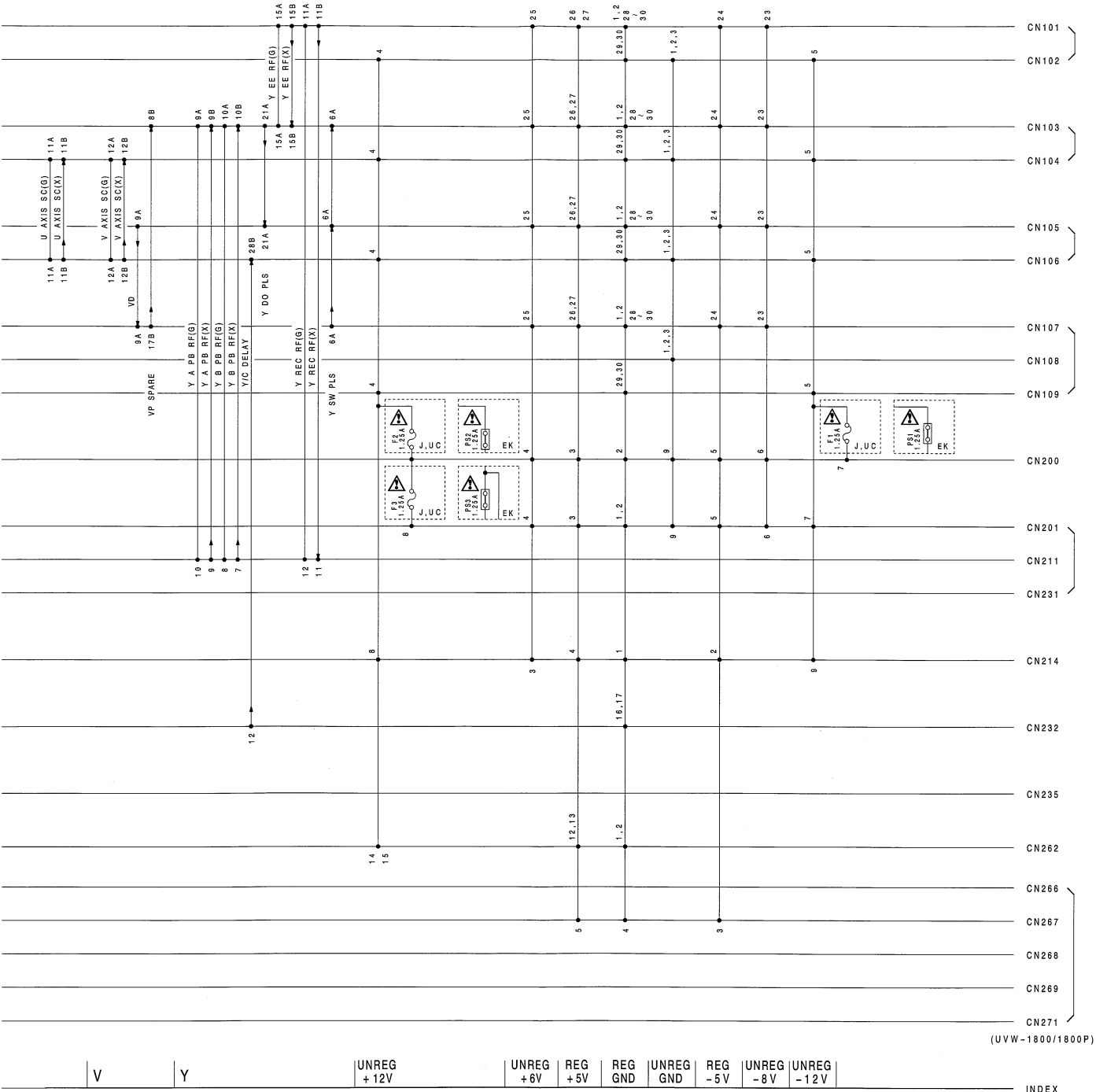
UVW-1600 (J) ; Serial No.10601 and higher

UVW-1600 (UC); Serial No.12901 and higher

UVW-1600P(EK); Serial No.13781 and higher

MB-470/470A/470P/470AP(4/4);MOTHER BOARD





MB-470/470A
MB-470P/470AP BOARD (4 / 4)

BOARD NO.1-648-918-12,22
UVW-1800 (J) ;#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-
UVW-1600 (J) ;#10601-
UVW-1600 (UC);#12901-
UVW-1600P(EK);#13781-

UVW-1800 (J) ; Serial No.10001 through 10900
UVW-1800 (UC) ; Serial No.10001 through 13930
UVW-1800P(EK) ; Serial No.10001 through 14140
UVW-1600 (J) ; Serial No.10001 through 10600
UVW-1600 (UC) ; Serial No.10001 through 12900
UVW-1600P(EK) ; Serial No.10001 through 13780

MB-470/470A/470P/470AP(1/4);MOTHER BOARD

VRA-5/5P

VRA-5/5P CN101			
A		B	
200-2	REG GND	1	REG GND
200-1	REG GND	2	REG GND
103-3A,103-3A	H:VIDEO EE	3	NC
	NC	4	NC
	NC	5	NC
	NC	6	NC
	NC	7	NC
	NC	8	NC
	NC	9	NC
	NC	10	NC
211-12	Y REC RF(G)	11	Y REC RF(X)
	NC	12	NC
211-6	C REC RF(G)	13	C REC RF(X)
	NC	14	NC
103-15A	Y EE RF(G)	15	Y EE RF(X)
103-16A	C EE RF(G)	16	C EE RF(X)
	NC	17	NC
107-16A	L:RGB INPUT SEL	18	L:MAINT MODE
107-19A	L:COMPOSITE	19	L:COMPONENT
107-20A	H:STD/L:NON STD	20	NC
107-21A	INPUT FP1	21	INPUT FP2
107-22A	INPUT SYNC	22	REC CF ID
200-6	UNREG -8V	23	UNREG -8V
200-5	REG -5V	24	REG -5V
200-4	UNREG +6V	25	UNREG +6V
200-3	REG +5V	26	REG +5V
200-3	REG +5V	27	REG +5V
200-2	REG GND	28	REG GND
200-2	REG GND	29	REG GND
200-2	REG GND	30	REG GND

VRA-5/5P

VRA-5/5P CN102			
A		B	
200-9	UNREG GND	1	UNREG GND
200-9	UNREG GND	2	UNREG GND
200-9	UNREG GND	3	UNREG GND
200-8	UNREG +12V	4	UNREG +12V
200-7	UNREG -12V	5	UNREG -12V
	NC	6	NC
	NC	7	NC
	NC	8	S DATA
	NC	9	SCK
	NC	10	STRB
	NC	11	NC
	NC	12	NC
	NC	13	NC
	NC	14	NC
	NC	15	GND(GUARD)2
271-8	INPUT Y(G)	16	INPUT Y(X)
	NC	17	NC
271-10	INPUT R-Y(G)	18	INPUT R-Y(X)
	NC	19	NC
271-12	INPUT B-Y(G)	20	INPUT B-Y(X)
	NC	21	GND(GUARD)2
271-2	INPUT VIDEO(G)	22	INPUT VIDEO(X)
	NC	23	GND(GUARD)2
271-6	INPUT S-Y(G)	24	INPUT S-Y(X)
	NC	25	NC
271-4	INPUT S-C(G)	26	INPUT S-C(X)
	NC	27	GND(GUARD)2
	NC	28	NC
	REG GND	29	REG GND
	REG GND	30	REG GND

VP-43/43A/43P/43AP

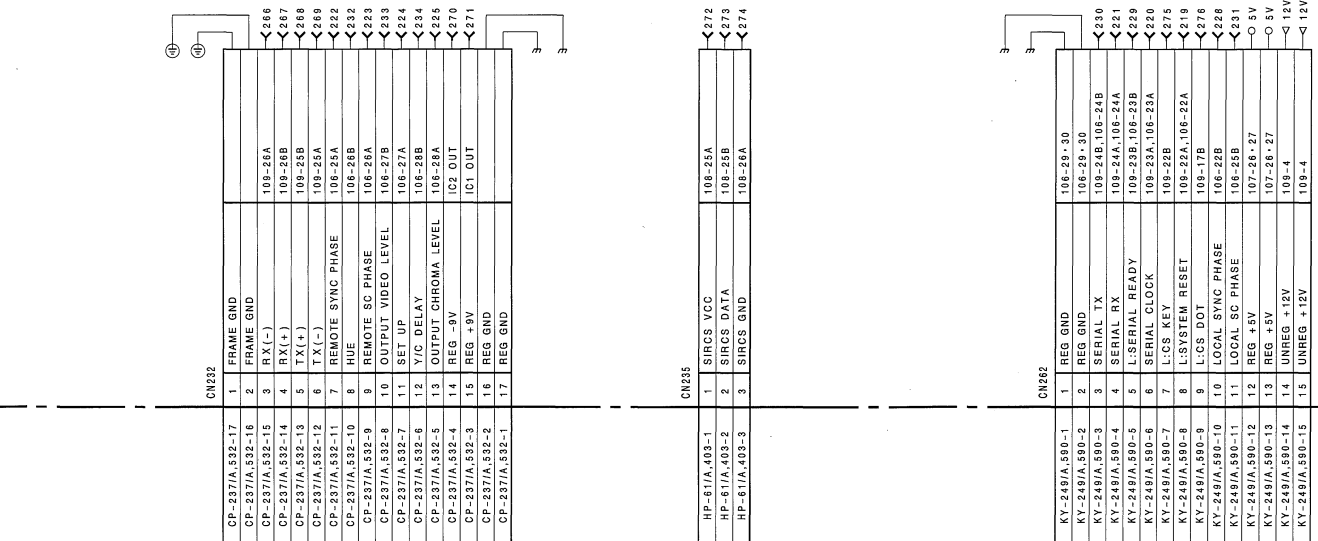
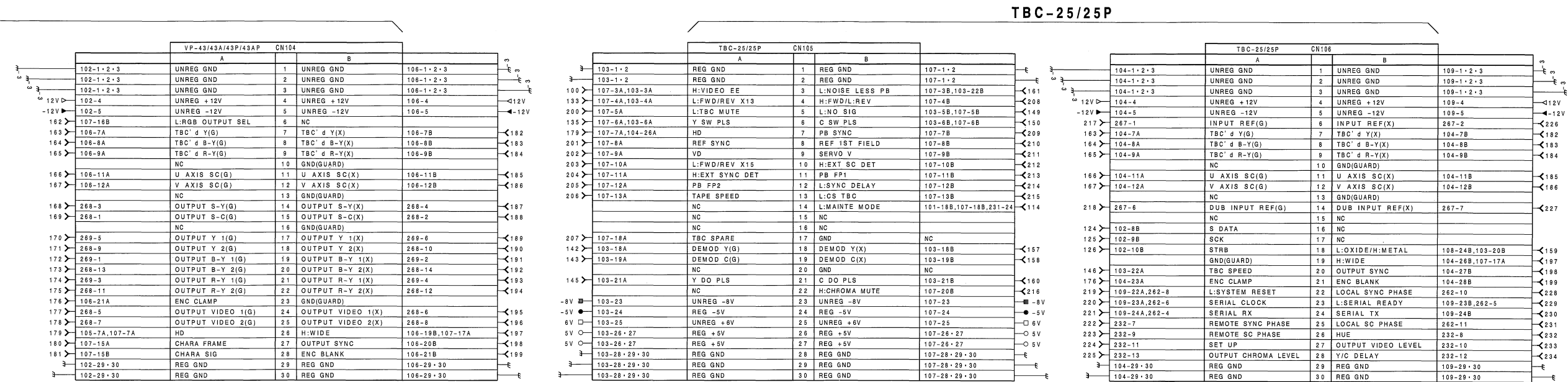
VP-43/43A/43P/43AP CN103			
A		B	
101-1.2	REG GND	1	REG GND
101-1.2	REG GND	2	REG GND
105-3A,101-3A	H:VIDEO EE	3	CTL SIG
105-4A,107-4A	L:FWID/REV X13	4	TRACKING CONT(X)
105-23B	L:JIG EXIST	5	L:NO SIG
105-6A,107-6A	C SW PLS	6	C SW PLS
231-12	LTC EQ(G)	7	LTC EQ(X)
107-14A	L:SLOW BID	8	VP SPARE
211-10	Y A PB RF(G)	9	Y A PB RF(X)
211-8	Y B PB RF(G)	10	Y B PB RF(X)
	NC	11	GND(GUARD)
211-4	C A PB RF(G)	12	C A PB RF(X)
211-2	C B PB RF(G)	13	C B PB RF(X)
	NC	14	GND(GUARD)
101-15A	Y EE RF(G)	15	Y EE RF(X)
101-16A	C EE RF(G)	16	C EE RF(X)
	NC	17	GND
105-18A	DEMODO Y(G)	18	DEMODO Y(X)
105-19A	DEMODO C(G)	19	DEMODO C(X)
107-14B	SV DO PLS	20	L:OXIDE/H-METAL
105-21A	Y DO PLS	21	C DO PLS
106-20A	TBC SPEED	22	L:NOISE LESS PB
101-23	UNREG -8V	23	UNREG -8V
101-24	REG -5V	24	REG -5V
101-25	UNREG +6V	25	UNREG +6V
101-26.27	REG +5V	26	REG +5V
101-28.29.30	REG GND	27	REG +5V
101-28.29.30	REG GND	28	REG GND
101-28.29.30	REG GND	29	REG GND
101-28.29.30	REG GND	30	REG GND

CN200			
SW-REG.1-1	1	DR GND	214-5.6
SW-REG.1-2	2	REG GND	201-1.2
SW-REG.1-3	3	REG +5V	201-3
SW-REG.1-4	4	UNREG +6V	201-4
SW-REG.1-5	5	REG -5V	201-5
SW-REG.1-6	6	UNREG -8V	201-6
SW-REG.1-7	7	UNREG -12V	201-7
SW-REG.1-8	8	UNREG +12V	201-8
SW-REG.1-9	9	UNREG GND	201-9

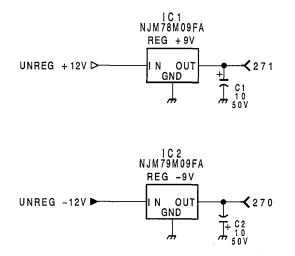
CN201			
MB-471/A.251-1	1	REG GND	200-2
MB-471/A.251-2	2	REG GND	200-2
MB-471/A.251-3	3	REG +5V	200-3
MB-471/A.251-4	4	UNREG +6V	200-4
MB-471/A.251-5	5	REG -5V	200-5
MB-471/A.251-6	6	UNREG -8V	200-6
MB-471/A.251-7	7	UNREG -12V	200-7
MB-471/A.251-8	8	UNREG +12V	200-8
MB-471/A.251-9	9	UNREG GND	200-9

CN211			
MB-471/A.261-1	1	C B PB RF(X)	103-12B
MB-471/A.261-2	2	C B PB RF(G)	103-12A
MB-471/A.261-3	3	C A PB RF(X)	103-12B
MB-471/A.261-4	4	C A PB RF(G)	103-12A
MB-471/A.261-5	5	C REC RF(X)	101-13B
MB-471/A.261-6	6	C REC RF(G)	101-13A
MB-471/A.261-7	7	Y B PB RF(X)	103-10B
MB-471/A.261-8	8	Y B PB RF(G)	103-10A
MB-471/A.261-9	9	Y A PB RF(X)	103-9B
MB-471/A.261-10	10	Y A PB RF(G)	103-9A
MB-471/A.261-11	11	Y REC RF(X)	101-11B
MB-471/A.261-12	12	Y REC RF(G)	101-11A

CN231			
MB-471/A.281-34	1	L:CTL ERASE ON	109-19A
MB-471/A.281-33	2	REC LTC	109-20A
MB-471/A.281-32	3	L:AU CH 2 ERASE ON	109-20B
MB-471/A.281-31	4	L:AU CH 1 ERASE ON	109-19B
MB-471/A.281-30	5	L:AU CH 2 REC MUTE	109-16A
MB-471/A.281-29	6	L:AU CH 1 REC MUTE	109-16B
MB-471/A.281-28	7	H:OSC OFF	109-17A
MB-471/A.281-27	8	L:AU CH 1 BIAS ON	109-16A
MB-471/A.281-26	9	L:AU CH 2 BIAS ON	109-15A
MB-471/A.281-25	10	PB LTC	109-14A
MB-471/A.281-24	11	LTC EQ(X)	103-7A
MB-471/A.281-23	12	LTC EQ(G)	103-7B
MB-471/A.281-22	13	H:CTL CUT	109-16B
MB-471/A.281-21	14	L:AU CH 1 HEAD REC	109-13A
MB-471/A.281-20	15	L:AU CH 1 PB MUTE	109-15B
MB-471/A.281-19	16	L:AU CH 2 PB MUTE	109-14B
MB-471/A.281-18	17	L:AU CH 1 HEAD REC	109-12A
MB-471/A.281-17	18	L:AU CH 2 PB	109-12B
MB-471/A.281-16	19	H:CTL PB	109-11A
MB-471/A.281-15	20	L:CTL PB	109-11B
MB-471/A.281-14	21	L:AUDIO ATT ON	109-10B
MB-471/A.281-13	22	L:SLOW EQ ON	109-10A
MB-471/A.281-12	23	H:NR ON	109-10A
MB-471/A.281-11	24	L:MAINT MODE	103-18B,103-14B,101-18B
MB-471/A.281-10	25	DEW DET(X)	109-21A
MB-471/A.281-9	26	DEW DET(G)	109-21B
MB-471/A.281-8	27	H:FULL ERASE ON	109-21A
MB-471/A.281-7	28	L:RE B CONT	109-21A
MB-471/A.281-6	29	L:RE A CONT	109-21A
MB-471/A.281-5	30	L:C B REC EN AV	109-21A
MB-471/A.281-4	31	L:C A REC EN AV	109-21A
MB-471/A.281-3	32	L:REC CONT	109-21A
MB-471/A.281-2	33	L:Y B REC EN AV	109-21A
MB-471/A.281-1	34	L:Y A REC EN AV	109-21A



CN101,CN102...UVW-1800/1800P



MB-470/470A
MB-470P/470AP BOARD (1/4)

BOARD NO.1-648-918-11,21
UVW-1800 (J);#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140
UVW-1600 (J);#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P(EK);#10001-13780

UVW-1800 (J) ;Serial No.10001 through 10900
UVW-1800 (UC) ;Serial No.10001 through 13930
UVW-1800P (EK) ;Serial No.10001 through 14140
UVW-1600 (J) ;Serial No.10001 through 10600
UVW-1600 (UC) ;Serial No.10001 through 12900
UVW-1600P (EK) ;Serial No.10001 through 13780

MB-470/470A/470P/470AP(2/4) ;MOTHER BOARD

SS-53

SS-53 CN107			
A		B	
105-1-2	REG GND	1	REG GND
105-1-2	REG GND	2	REG GND
105-3A,105-3A	H:VIDEO EE	3	L:NOISE LESS PB
105-4A,103-4A	L:FWD/REV X13	4	H:FWD/L:REV
105-5A	L:TBC MUTE	5	L:NO SIG
105-6A,103-6A	Y SW PLS	6	C SW PLS
105-7A,104-26A	HD	7	PB SYNC
105-8A	REF SYNC	8	REF 1ST FIELD
105-9A	VD	9	SERVO V
105-10A	L:FWD/REV X15	10	H:EXT SC DET
105-11A	H:EXT SYNC DET	11	PB FP1
105-12A	PB FP2	12	L:SYNC DELAY
105-13A	TAPE SPEED	13	L:CS TBC
103-8A	L:SLOW BID	14	SV DO PLS
104-27A	CHARA FRAME	15	CHARA SIG
101-18A	L:RGB INPUT SEL	16	L:RGB OUTPUT SEL
106-19B,104-26B	H:WIDE	17	VP SPARE
105-17A	TBC SPARE	18	L:MAINT MODE
101-19A	L:COMPOSITE	19	L:COMPONENT
101-20A	H:STD/L:NON STD	20	H:CHROMA MUTE
101-21A	INPUT FP1	21	INPUT FP2
101-22A	INPUT SYNC	22	REC CF ID
105-23	UNREG -8V	23	UNREG -8V
105-24	REG -5V	24	REG -5V
105-25	UNREG +6V	25	UNREG +6V
105-26-27	REG +5V	26	REG +5V
105-26-27	REG +5V	27	REG +5V
105-28-29-30	REG GND	28	REG GND
105-28-29-30	REG GND	29	REG GND
105-28-29-30	REG GND	30	REG GND

SS-53 CN108			
A		B	
214-10B	DRUM ERROR	1	DRUM CURRENT
214-12B	CAPSTAN ERROR	2	CAPSTAN CURRENT
214-14B	S REEL POWER CONT	3	S REEL ERROR
214-16B	S REEL CURRENT	4	SOL CURRENT
214-18B	DRUM FG	5	DRUM PG
214-20B	S REEL FG B	6	S REEL FG A
214-22B	L:TAPE END	7	CAPSTAN DIR CONT
214-24B	CAPSTAN FG A	8	CAPSTAN FG B
214-26B	ADJUST +11V	9	CAPSTAN FG A NORM
214-28B	CAPSTAN FG B NORM	10	ADJUST GND
214-30B	S TENSION	11	ADJUST +5V
214-32B	H:CTL GAIN UP	12	CTL SIG
214-34B	CTL PULSE	13	REC CTL
214-36B	H:CTL REC	14	L:TAPE TOP
214-38B	THREADING FG	15	H:UNTH END
214-40B	H:TH END	16	EMERGENCY MS RESET
214-42B	1/2 VD	17	SERVO SCK
214-44B	SERVO SI	18	SERVO SO
214-46B	T REEL FG B	19	T REEL FG A
214-48A	T REEL POWER CONT	20	T REEL ERROR
214-50A	T REEL CURRENT	21	THREADING ERROR
214-49B	THUNTH POWER CONT	22	L:MS BUSY
103-4B	TRACKING CONT(X)	23	L:JIG EXIST
NC	SV SPARE	24	L:OXIDE/H:METAL
235-1	SIRCS VCC	25	SIRCS DATA
235-3	SIRCS GND	26	NC
	NC	27	NC
	NC	28	NC
	NC	29	NC
	NC	30	NC

CN286			
CP-225/A.551-1	1	EXT TC IN(G)	108-28A
CP-225/A.551-2	2	EXT TC IN(X)	108-28B
CP-225/A.551-3	3	OUTPUT LTC(G)	108-27A
CP-225/A.551-4	4	OUTPUT LTC(X)	108-27B

CN287			
CP-225/A.552-1	1	INPUT REF(G)	106-5A
CP-225/A.552-2	2	INPUT REF(X)	106-5B
CP-225/A.552-3	3	REG -5V	200-5
CP-225/A.552-4	4	REG GND	200-2
CP-225/A.552-5	5	REG +5V	200-3
CP-225/A.552-6	6	DUB INPUT REF(G)	106-14A
CP-225/A.552-7	7	DUB INPUT REF(X)	106-14B

CN288			
CP-225/A.555-1	1	OUTPUT S-C(G)	104-15A
CP-225/A.555-2	2	OUTPUT S-C(X)	104-15B
CP-225/A.555-3	3	OUTPUT S-Y(G)	104-14A
CP-225/A.555-4	4	OUTPUT S-Y(X)	104-14B
CP-225/A.555-5	5	OUTPUT VIDEO 1(G)	104-24A
CP-225/A.555-6	6	OUTPUT VIDEO 1(X)	104-24B
CP-225/A.555-7	7	OUTPUT VIDEO 2(G)	104-25A
CP-225/A.555-8	8	OUTPUT VIDEO 2(X)	104-25B
CP-225/A.555-9	9	OUTPUT Y 2(G)	104-18A
CP-225/A.555-10	10	OUTPUT Y 2(X)	104-18B
CP-225/A.555-11	11	OUTPUT R-Y 2(G)	104-22A
CP-225/A.555-12	12	OUTPUT R-Y 2(X)	104-22B
CP-225/A.555-13	13	OUTPUT B-Y 2(G)	104-20A
CP-225/A.555-14	14	OUTPUT B-Y 2(X)	104-20B

CN289			
CP-225/A.553-1	1	OUTPUT B-Y 1(G)	104-19A
CP-225/A.553-2	2	OUTPUT B-Y 1(X)	104-19B
CP-225/A.553-3	3	OUTPUT R-Y 1(G)	104-21A
CP-225/A.553-4	4	OUTPUT R-Y 1(X)	104-21B
CP-225/A.553-5	5	OUTPUT Y 1(G)	104-17A
CP-225/A.553-6	6	OUTPUT Y 1(X)	104-17B

SS-53		CN109	
A		B	
106-1・2・3	UNREG GND	1	UNREG GND
106-1・2・3	UNREG GND	2	UNREG GND
106-1・2・3	UNREG GND	3	UNREG GND
106-4	UNREG +12V	4	UNREG +12V
106-5	UNREG -12V	5	UNREG -12V
231-33	L:Y B REC EN A/V	6	L:Y A REC EN A/V
231-30	L:C B REC EN A/V	7	L:REC CONT
231-28	L:RE B CONT	8	L:C A REC EN A/V
231-27	H:FULL ERASE ON	9	L:RE A CONT
231-23	H:NR ON	10	L:SLOW EQ ON
231-20	H:LTC PB	11	L:AUDIO ATT ON
231-17	L:AU CH 2 HEAD REC	12	L:AU CH 2 PB
231-14	L:AU CH 1 HEAD REC	13	L:AU CH 1 PB
231-10	PB LTC	14	L:AU CH 2 PB MUTE
231-9	L:AU CH 2 BIAS ON	15	L:AU CH 1 PB MUTE
231-8	L:AU CH 1 BIAS ON	16	H:CTL CUT
231-7	H:OSC OFF	17	L:CS DOT
231-5	L:AU CH 2 REC MUTE	18	L:AU CH 1 REC MUTE
231-1	L:LTC ERASE ON	19	L:AU CH 1 ERASE ON
231-2	REC LTC	20	L:AU CH 2 ERASE ON
231-25	DEW DET(X)	21	DEW DET(G)
262-8,106-22A	L:SYSTEM RESET	22	L:CS KEY
262-6,106-23A	SERIAL CLOCK	23	L:SERIAL READY
262-4,106-24A	SERIAL RX	24	SERIAL TX
232-6	TX(-)	25	TX(+)
232-3	RX(-)	26	RX(+)
266-3	OUTPUT LTC(G)	27	OUTPUT LTC(X)
266-1	EXT TC IN(G)	28	EXT TC IN(X)
106-29・30	REG GND	29	REG GND
106-29・30	REG GND	30	REG GND

CN271	
CP-225,654-1	1 INPUT VIDEO(X)
CP-225,654-2	2 INPUT VIDEO(G)
CP-225,654-3	3 INPUT S-C(X)
CP-225,654-4	4 INPUT S-C(G)
CP-225,654-5	5 INPUT S-Y(X)
CP-225,654-6	6 INPUT S-Y(G)
CP-225,654-7	7 INPUT Y(X)
CP-225,654-8	8 INPUT Y(G)
CP-225,654-9	9 INPUT R-Y(X)
CP-225,654-10	10 INPUT R-Y(G)
CP-225,654-11	11 INPUT B-Y(X)
CP-225,654-12	12 INPUT B-Y(G)

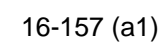
CN271・・・UVW-1800/1800P

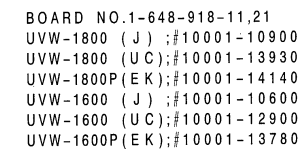
DR-214	
CN214	
A	
REG GND	1 REG GND
REG -5V	2 REG -5V
UNREG +6V	3 UNREG +6V
REG +5V	4 REG +5V
DR GND	5 DR GND
UNREG +12V	6 DR GND
UNREG +12V	7 UNREG +12V
UNREG +12V	8 UNREG +12V
UNREG -12V	9 UNREG -12V
NC	10 DRUM ERROR
NC	11 DRUM CURRENT
NC	12 CAPSTAN ERROR
NC	13 CAPSTAN CURRENT
NC	14 S REEL POWER CONT
NC	15 S REEL ERROR
NC	16 S REEL CURRENT
NC	17 SOL CURRENT
NC	18 DRUM FG
NC	19 DRUM PG
NC	20 S REEL FG B
NC	21 S REEL FG A
NC	22 L:TAPE END
NC	23 CAPSTAN DIR CONT
NC	24 CAPSTAN FG A
NC	25 CAPSTAN FG B
NC	26 ADJUST +11V
NC	27 CAPSTAN FG A NORM
NC	28 CAPSTAN FG B NORM
NC	29 ADJUST GND
NC	30 S TENSION
NC	31 ADJUST +5V
NC	32 H:CTL GAIN UP
NC	33 CTL SIG
NC	34 CTL PULSE
NC	35 REC CTL
NC	36 H:CTL REC
NC	37 L:TAPE TOP
NC	38 THREADING FG
NC	39 H:UNTH END
NC	40 H:TH END
NC	41 EMERGENCY MS RESET
NC	42 1/2 VD
NC	43 SERVO SCK
NC	44 SERVO SI
NC	45 SERVO SO
NC	46 T REEL FG B
NC	47 T REEL FG A
108-20A	T REEL POWER CONT
108-20B	T REEL ERROR
108-21A	T REEL CURRENT
	50 THREADING ERROR

MB-470/470A
MB-470P/470AP BOARD (2/4)

BOARD NO.1-648-918-11,21
UVW-1800 (J);#10001-10900
UVW-1800 (UC);#10001-13930
UVW-1800P(EK);#10001-14140
UVW-1600 (J);#10001-10600
UVW-1600 (UC);#10001-12900
UVW-1600P(EK);#10001-13780

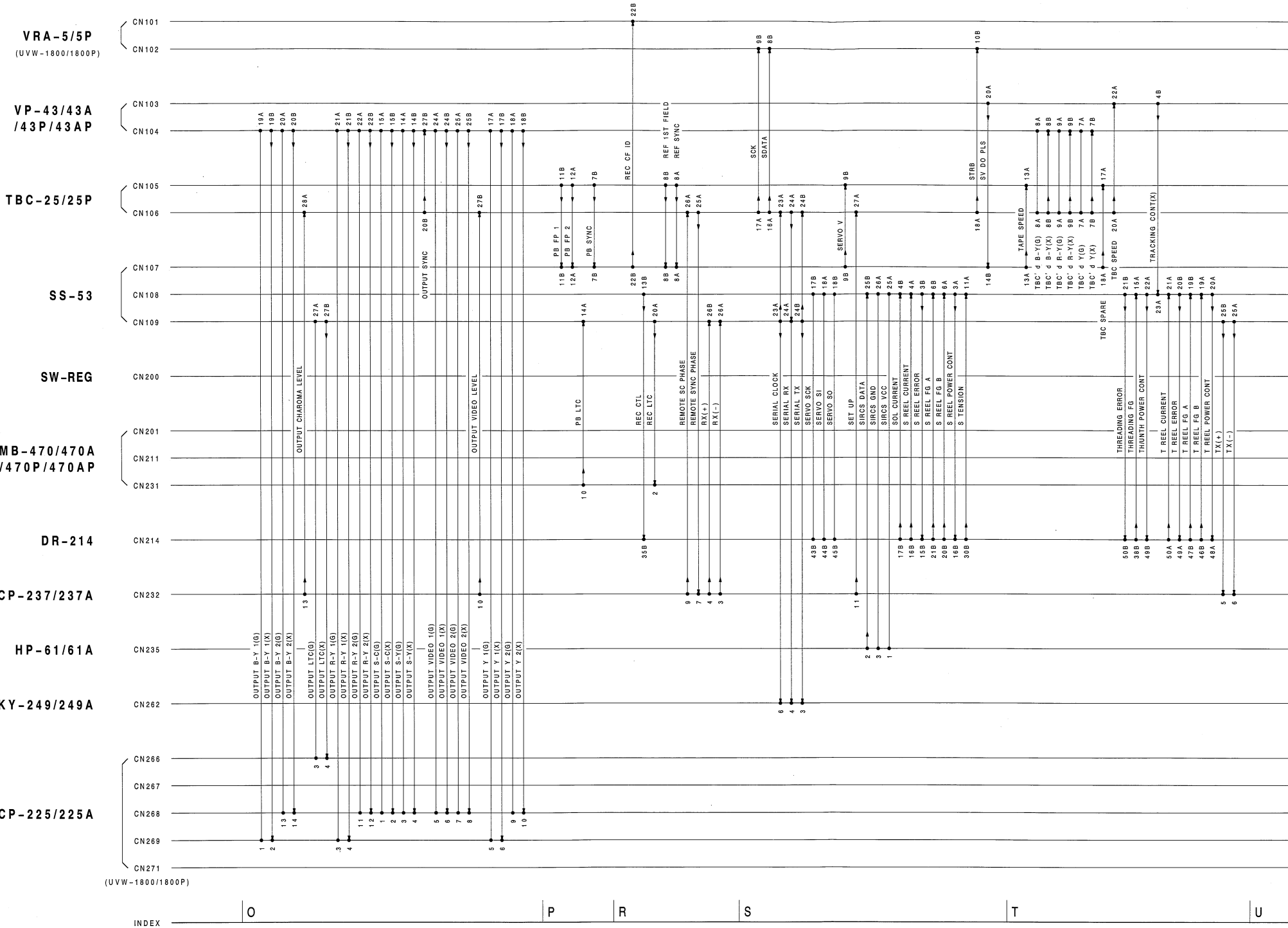
MB-470/470A/470P/470AP(3/4);MOTHER BOARD

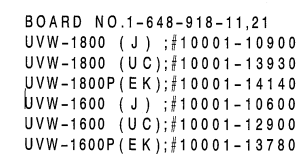




UVW-1800 (J) ;	Serial No.10001	through	10900
UVW-1800 (UC);	Serial No.10001	through	13930
UVW-1800P(EK);	Serial No.10001	through	14140
UVW-1600 (J) ;	Serial No.10001	through	10600
UVW-1600 (UC);	Serial No.10001	through	12900
UVW-1600P(EK);	Serial No.10001	through	13780

MB-470/470A/470P/470AP(4/4);MOTHER BOARD





UVW-1800 (J) ;Serial No.10901 and higher
UVW-1800 (UC);Serial No.13931 and higher
UVW-1800P(EK);Serial No.14141 and higher
UVW-1600 (J) ;Serial No.10601 and higher
UVW-1600 (UC);Serial No.12901 and higher
UVW-1600P(EK);Serial No.13781 and higher

MB-471/471A(1/2);MOTHER BOARD

RP-70/70A/70P/70AP			
RP-70/70A/70P/70AP		CN110	
		A	B
111-1-1,2,3	REG GND	1	REG GND
111-1-1,2,3	REG GND	2	REG GND
111-1-1,2,3	REG GND	3	REG GND
111-4	REG +5V	4	REG +5V
111-5	UNREG +6V	5	UNREG +6V
111-6	REG -5V	6	REG -5V
111-7	UNREG -8V	7	UNREG -8V
NC	NC	8	NC
281-2	L:Y B REC EN A/V	9	L:Y A REC EN A/V
NC	NC	10	GND(GUARD)
NC	NC	11	Y REC RF(G)
NC	NC	12	Y REC RF(X)
NC	NC	13	GND(GUARD)
NC	NC	14	Y A PB RF(G)
NC	NC	15	Y A PB RF(X)
NC	NC	16	GND(GUARD)
NC	NC	17	Y B PB RF(G)
NC	NC	18	Y B PB RF(X)
NC	NC	19	GND(GUARD)
NC	NC	20	L:REC CONT
281-5	L:C B REC EN A/V	21	L:C A REC EN A/V
NC	NC	22	GND(GUARD)
NC	NC	23	C REC RF(G)
NC	NC	24	C REC RF(X)
NC	NC	25	GND(GUARD)
NC	NC	26	C A PB RF(G)
NC	NC	27	C A PB RF(X)
NC	NC	28	GND(GUARD)
NC	NC	29	C B PB RF(G)
NC	NC	30	C B PB RF(X)
NC	NC	31	GND(GUARD)
281-7	L:RE B CONT	32	L:RE A CONT
NC	NC	33	NC
NC	NC	34	CH-B RE(Y)
NC	NC	35	CH-B RE(X)
NC	NC	36	CH-B RE(G)
NC	NC	37	CH-A RE(G)
NC	NC	38	CH-A RE(Y)
NC	NC	39	CH-A RE(X)
NC	NC	40	NC
NC	NC	41	FULL ERASE(G)
NC	NC	42	FULL ERASE(Y)
281-8	H:FULL ERASE ON	43	FULL ERASE(X)
111-44, 45	UNREG -12V	44	UNREG -12V
111-44, 45	UNREG -12V	45	UNREG -12V
111-46, 47	UNREG +12V	46	UNREG +12V
111-46, 47	UNREG +12V	47	UNREG +12V
111-48, 49, 50	UNREG GND	48	UNREG GND
111-48, 49, 50	UNREG GND	49	UNREG GND
111-48, 49, 50	UNREG GND	50	UNREG GND

AP-31/31A/31P/31AP			
AP-31/31A/31P/31AP		CN111	
		A	B
112-1-1,2,3	REG GND	1	REG GND
112-1-1,2,3	REG GND	2	REG GND
112-1-1,2,3	REG GND	3	REG GND
112-4	REG +5V	4	REG +5V
112-5	UNREG +6V	5	UNREG +6V
112-6	REG -5V	6	REG -5V
112-7	UNREG -8V	7	UNREG -8V
NC	(REG GND)	8	CH 1 LINE OUT(G)
274-4	CH 1 LINE OUT(X)	9	CH 1 HP OUT(G)
NC	(REG GND)	10	CH 1 HP OUT(X)
278-5	CH 1 HP RET	11	CH 1 HP VOL(G)
NC	(REG GND)	12	CH 1 HP VOL(X)
112-15A,276-6	CH 1 REC VOL(G)	13	CH 1 METER OUT
NC	(REG GND)	14	CH 1 REC RET
112-18B	CH 1 ENC(X)	15	CH 1 ENC(G)
NC	(REG GND)	16	(REG GND)
281-25	PB LTC	17	LTC EQ(X)
NC	(REG GND)	18	(REG GND)
112-19B	LTC REC I(G)	19	LTC REC I(X)
NC	(REG GND)	20	LTC REC I(G)
112-30B	CH 2 INSERT CROSSTALK	21	CH 1 INSERT CROSSTALK
NC	(REG GND)	22	H:CTL OUT
281-21	L:AU CH 1 HEAD REC	23	L:AU CH 1 PB MUTE
NC	(REG GND)	24	L:AU CH 2 PB MUTE
281-18	L:AU CH 2 HEAD REC	25	L:AU CH 1 PB
NC	(REG GND)	26	L:AU CH 2 PB
112-27B,281-15	H:LTC PB	27	L:AUDIO ATT ON
NC	(REG GND)	28	L:SLOW EQ ON
112-29B	H:BIAS ON	29	H:NR ON
NC	(REG GND)	30	L:MAINT MODE
NC	(REG GND)	31	CH 1 REC HEAD(X)
NC	(REG GND)	32	CH 1 REC HEAD(G)
112-41A,111-32B	CH 1 REC HEAD(G)	33	CH 2 REC HEAD(X)
274-2	MONI OUT(X)	34	CH 2 REC HEAD(G)
NC	(REG GND)	35	MONI OUT(G)
112-32B	CH 2 ENC(X)	36	(REG GND)
112-33A	CH 2 ENC(G)	37	CH 2 REC RET
NC	(REG GND)	38	CH 2 REC VOL(G)
277-2	CH 2 METER OUT	39	CH 2 HP VOL(X)
NC	(REG GND)	40	CH 2 HP VOL(G)
278-9	CH 2 HP RET	41	CH 2 HP OUT(X)
NC	(REG GND)	42	CH 2 HP OUT(G)
274-6	CH 2 LINE OUT(X)	43	CH 2 LINE OUT(G)
112-44, 45	UNREG -12V	44	UNREG -12V
112-44, 45	UNREG -12V	45	UNREG -12V
112-46, 47	UNREG +12V	46	UNREG +12V
112-46, 47	UNREG +12V	47	UNREG +12V
112-48, 49, 50,277-3	UNREG GND	48	UNREG GND
112-48, 49, 50,277-3	UNREG GND	49	UNREG GND
112-48, 49, 50,277-3	UNREG GND	50	UNREG GND

CN251	
MB-170P/IA/201-1	1 REG GND
MB-170P/IA/201-2	2 REG GND
MB-170P/IA/201-3	3 REG +5V
MB-170P/IA/201-4	4 UNREG +6V
MB-170P/IA/201-5	5 REG -5V
MB-170P/IA/201-6	6 UNREG -8V
MB-170P/IA/201-7	7 UNREG -12V
MB-170P/IA/201-8	8 UNREG +12V
MB-170P/IA/201-9	9 UNREG GND

CN261	
MB-170P/IA/211-1	1 C B PB RF(X)
MB-170P/IA/211-2	2 C B PB RF(G)
MB-170P/IA/211-3	3 C A PB RF(X)
MB-170P/IA/211-4	4 C A PB RF(G)
MB-170P/IA/211-5	5 C REC RF(X)
MB-170P/IA/211-6	6 C REC RF(G)
MB-170P/IA/211-7	7 C REC RF(X)
MB-170P/IA/211-8	8 Y B PB RF(X)
MB-170P/IA/211-9	9 Y B PB RF(G)
MB-170P/IA/211-10	10 Y A PB RF(X)
MB-170P/IA/211-11	11 Y REC RF(X)
MB-170P/IA/211-12	12 Y REC RF(G)

CN263	
DEW SENSOR	1 DEW DET(X)
DEW SENSOR	2 DEW DET(G)

CN264	
DRUM 901-1	1 NC
DRUM 901-2	2 CH-A RE(X)
DRUM 901-3	3 CH-A RE(Y)
DRUM 901-4	4 CH-A RE(G)
DRUM 901-5	5 CH-B RE(X)
DRUM 901-6	6 CH-B RE(Y)
DRUM 901-7	7 CH-B RE(G)

CN265	
FE HEAD	1 FULL ERASE(Y)
FE HEAD	2 FULL ERASE(G)
FE HEAD	3 FULL ERASE(X)

CN274	
CP-226/A,274-1	1 MONI OUT(G)
CP-226/A,274-2	2 MONI OUT(X)
CP-226/A,274-3	3 CH 1 LINE OUT(G)
CP-226/A,274-4	4 CH 1 LINE OUT(X)
CP-226/A,274-5	5 CH 2 LINE OUT(G)
CP-226/A,274-6	6 CH 2 LINE OUT(X)
CP-226/A,274-7	7 NC

CN275	
CP-226,275-1	1 AU CH 1 INPUT(G)
CP-226,275-2	2 AU CH 1 INPUT(Y)
CP-226,275-3	3 AU CH 1 INPUT(X)
CP-226,275-4	4 AU CH 2 INPUT(G)
CP-226,275-5	5 AU CH 2 INPUT(Y)
CP-226,275-6	6 AU CH 2 INPUT(X)

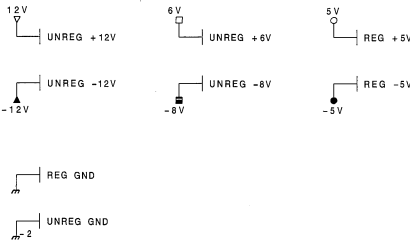
16-161 (b1)

16-161 (b1)

AR-14/14P

AR-14/14P		CN112		
A		B		
REG GND	1	REG GND	111-1-2+3	
REG GND	2	REG GND	111-1-2+3	
REG GND	3	REG GND	111-1-2+3	
REG +5V	4	REG +5V	111-4	
UNREG +6V	5	UNREG +6V	111-5	
REG -5V	6	REG -5V	111-6	
UNREG -8V	7	UNREG -8V	111-7	
NC	(REG GND)	8	(REG GND)	NC
NC	(REG GND)	9	(REG GND)	NC
NC	(REG GND)	10	CH 1 INSERT CROSSTALK	111-21B
NC	(REG GND)	11	(REG GND)	NC
NC	(REG GND)	12	AU CH 1 INPUT(Y)	275-2
275-1	AU CH 1 INPUT(G)	13	(REG GND)	NC
NC	(REG GND)	14	AU CH 1 INPUT(X)	275-3
111-13A,276-6	CH 1 REC VOL(G)	15	(REG GND)	NC
NC	(REG GND)	16	CH 1 REC VOL(X)	276-4
111-15B	CH 1 ENC(G)	17	(REG GND)	NC
NC	(REG GND)	18	CH 1 ENC(X)	111-15A
NC	(REG GND)	19	LTC REC I(G)	111-19A
NC	(REG GND)	20	LTC REC I(X)	111-19B
NC	(REG GND)	21	LTC REC I(G)	111-20B
NC	(REG GND)	22	(REG GND)	NC
281-33	REC LTC	23	L:LTC ERASE ON	281-34
NC	(REG GND)	24	L:AU CH 2 ERASE ON	281-32
281-30	L:AU CH 2 REC MUTE	25	L:AU CH 1 ERASE ON	281-31
NC	(REG GND)	26	L:AU CH 1 REC MUTE	281-29
281-28	H:OSC OFF	27	H:LTC PB	111-27A,281-15
NC	(REG GND)	28	L:AU CH 1 BIAS ON	281-27
281-26	L:AU CH 2 BIAS ON	29	H:BIAS ON	111-28A
NC	(REG GND)	30	CH 2 INSERT CROSSTALK	111-21A
NC	(REG GND)	31	(REG GND)	NC
NC	(REG GND)	32	CH 2 ENC(X)	111-36A
111-37A	CH 2 ENC(G)	33	(REG GND)	NC
NC	(REG GND)	34	CH 2 REC VOL(X)	276-1
111-38B,276-3	CH 2 REC VOL(G)	35	(REG GND)	NC
NC	(REG GND)	36	AU CH 2 INPUT(X)	275-6
275-4	AU CH 2 INPUT(G)	37	(REG GND)	NC
NC	(REG GND)	38	AU CH 2 INPUT(Y)	275-5
NC	(REG GND)	39	(REG GND)	NC
NC	(REG GND)	40	(REG GND)	NC
111-33A,111-32B	CH 1 REC HEAD(G)	41	CH 1 REC HEAD(X)	111-31B
NC	(REG GND)	42	CH 2 REC HEAD(G)	111-34B
111-33B	CH 2 REC HEAD(X)	43	(REG GND)	NC
	UNREG -12V	44	UNREG -12V	111-44+45
	UNREG -12V	45	UNREG -12V	111-44+45
	UNREG +12V	46	UNREG +12V	111-46+47
	UNREG +12V	47	UNREG +12V	111-46+47
	UNREG GND	48	UNREG GND	111-48+49+50
	UNREG GND	49	UNREG GND	111-48+49+50
	UNREG GND	50	UNREG GND	111-48+49+50

CN112,CN264,CN265,CN275,CN276 ••• UVW-1800/1800P



CN276			CN277			CN278		
VR-155.492-1	1	CH 2 REC VOL(X)	112-34B	KY-249/A.592-1 KY-249/A.592-2 KY-249/A.592-3 KY-249/A.592-4	1	CH 1 METER OUT	111-13B	HP-611A.491-1 HP-611A.491-2 HP-611A.491-3 HP-611A.491-4 HP-611A.491-5 HP-611A.491-6 HP-611A.491-7 HP-611A.491-8 HP-611A.491-9 HP-611A.491-10
VR-155.492-2	2	CH 2 REC RET	111-37B		2	CH 2 METER OUT	111-39A	
VR-155.492-3	3	CH 2 REC VOL(G)	112-35A,111-38B		3	UNREG GND	111-50A	
VR-155.492-4	4	CH 1 REC VOL(X)	112-16B		4	NC		
VR-155.492-5	5	CH 1 REC RET	111-14B					
VR-155.492-6	6	CH 1 REC VOL(G)	112-5A,111-13A					

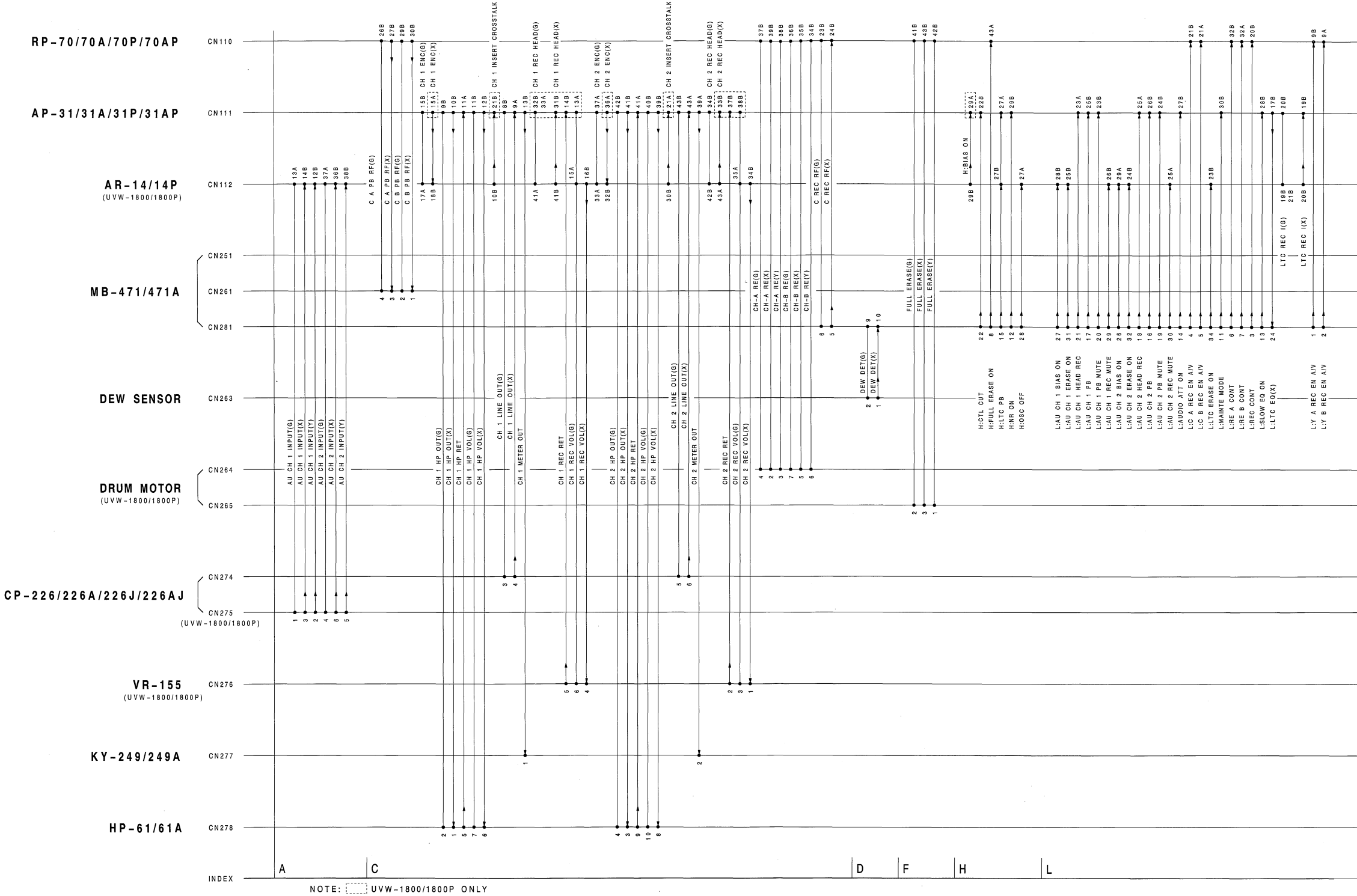
CN281		CN282		CN283			
MB-470P/IAAP.231-34	1	L:Y A REC EN AV	110-9B	MB-470P/IAAP.231-34	1	L:Y A REC EN AV	110-9B
MB-470P/IAAP.231-33	2	L:Y B REC EN AV	110-5A	MB-470P/IAAP.231-33	2	L:Y B REC EN AV	110-5A
MB-470P/IAAP.231-32	3	L:REC CONT	110-20B	MB-470P/IAAP.231-32	3	L:REC CONT	110-20B
MB-470P/IAAP.231-31	4	L:C A REC EN AV	110-21A	MB-470P/IAAP.231-31	4	L:C A REC EN AV	110-21A
MB-470P/IAAP.231-30	5	L:C B REC EN AV	110-21A	MB-470P/IAAP.231-30	5	L:C B REC EN AV	110-21A
MB-470P/IAAP.231-29	6	L:RE A CONT	110-32B	MB-470P/IAAP.231-29	6	L:RE A CONT	110-32B
MB-470P/IAAP.231-28	7	L:RE B CONT	110-32A	MB-470P/IAAP.231-28	7	L:RE B CONT	110-32A
MB-470P/IAAP.231-27	8	HP:FULL ERASE ON	110-43A	MB-470P/IAAP.231-27	8	HP:FULL ERASE ON	110-43A
MB-470P/IAAP.231-26	9	DEW DET(0)	283-2	MB-470P/IAAP.231-26	9	DEW DET(0)	283-2
MB-470P/IAAP.231-25	10	DEW DET(1)	283-1	MB-470P/IAAP.231-25	10	DEW DET(1)	283-1
MB-470P/IAAP.231-24	11	L:MAINT MODE	111-30B	MB-470P/IAAP.231-24	11	L:MAINT MODE	111-30B
MB-470P/IAAP.231-23	12	NR ON	111-26B	MB-470P/IAAP.231-23	12	NR ON	111-26B
MB-470P/IAAP.231-22	13	L:LOW EQ ON	111-27B	MB-470P/IAAP.231-22	13	L:LOW EQ ON	111-27B
MB-470P/IAAP.231-21	14	L:AUDIO ATT ON	111-27A,112-27B	MB-470P/IAAP.231-21	14	L:AUDIO ATT ON	111-27A,112-27B
MB-470P/IAAP.231-20	15	H:LTC PB	111-26B	MB-470P/IAAP.231-20	15	H:LTC PB	111-26B
MB-470P/IAAP.231-19	16	L:AU CH 2 PB	111-25B	MB-470P/IAAP.231-19	16	L:AU CH 2 PB	111-25B
MB-470P/IAAP.231-18	17	L:AU CH 1 PB	111-25B	MB-470P/IAAP.231-18	17	L:AU CH 1 PB	111-25B
MB-470P/IAAP.231-17	18	L:AU CH 2 HEAD REC	111-25A	MB-470P/IAAP.231-17	18	L:AU CH 2 HEAD REC	111-25A
MB-470P/IAAP.231-16	19	L:AU CH 2 PB MUTE	111-24B	MB-470P/IAAP.231-16	19	L:AU CH 2 PB MUTE	111-24B
MB-470P/IAAP.231-15	20	L:AU CH 1 PB MUTE	111-23B	MB-470P/IAAP.231-15	20	L:AU CH 1 PB MUTE	111-23B
MB-470P/IAAP.231-14	21	L:AU CH 1 HEAD REC	111-23A	MB-470P/IAAP.231-14	21	L:AU CH 1 HEAD REC	111-23A
MB-470P/IAAP.231-13	22	H:CTL CUT	111-22B	MB-470P/IAAP.231-13	22	H:CTL CUT	111-22B
MB-470P/IAAP.231-12	23	LTC EQ(0)	(GUARD)	MB-470P/IAAP.231-12	23	LTC EQ(0)	(GUARD)
MB-470P/IAAP.231-11	24	LTC EQ(X)	111-17B	MB-470P/IAAP.231-11	24	LTC EQ(X)	111-17B
MB-470P/IAAP.231-10	25	PB LTC	111-17A	MB-470P/IAAP.231-10	25	PB LTC	111-17A
MB-470P/IAAP.231-9	26	L:AU CH 2 BIAS ON	112-25A	MB-470P/IAAP.231-9	26	L:AU CH 2 BIAS ON	112-25A
MB-470P/IAAP.231-8	27	L:AU CH 1 BIAS ON	112-24A	MB-470P/IAAP.231-8	27	L:AU CH 1 BIAS ON	112-24A
MB-470P/IAAP.231-7	28	H:OSC OFF	112-27A	MB-470P/IAAP.231-7	28	H:OSC OFF	112-27A
MB-470P/IAAP.231-6	29	L:AU CH 1 REC MUTE	112-26B	MB-470P/IAAP.231-6	29	L:AU CH 1 REC MUTE	112-26B
MB-470P/IAAP.231-5	30	L:AU CH 2 REC MUTE	112-25A	MB-470P/IAAP.231-5	30	L:AU CH 2 REC MUTE	112-25A
MB-470P/IAAP.231-4	31	L:AU CH 1 ERASE ON	112-24B	MB-470P/IAAP.231-4	31	L:AU CH 1 ERASE ON	112-24B
MB-470P/IAAP.231-3	32	L:AU CH 2 ERASE ON	112-24B	MB-470P/IAAP.231-3	32	L:AU CH 2 ERASE ON	112-24B
MB-470P/IAAP.231-2	33	REC LTC	112-23A	MB-470P/IAAP.231-2	33	REC LTC	112-23A
MB-470P/IAAP.231-1	34	L:LTC ERASE ON	112-23B	MB-470P/IAAP.231-1	34	L:LTC ERASE ON	112-23B

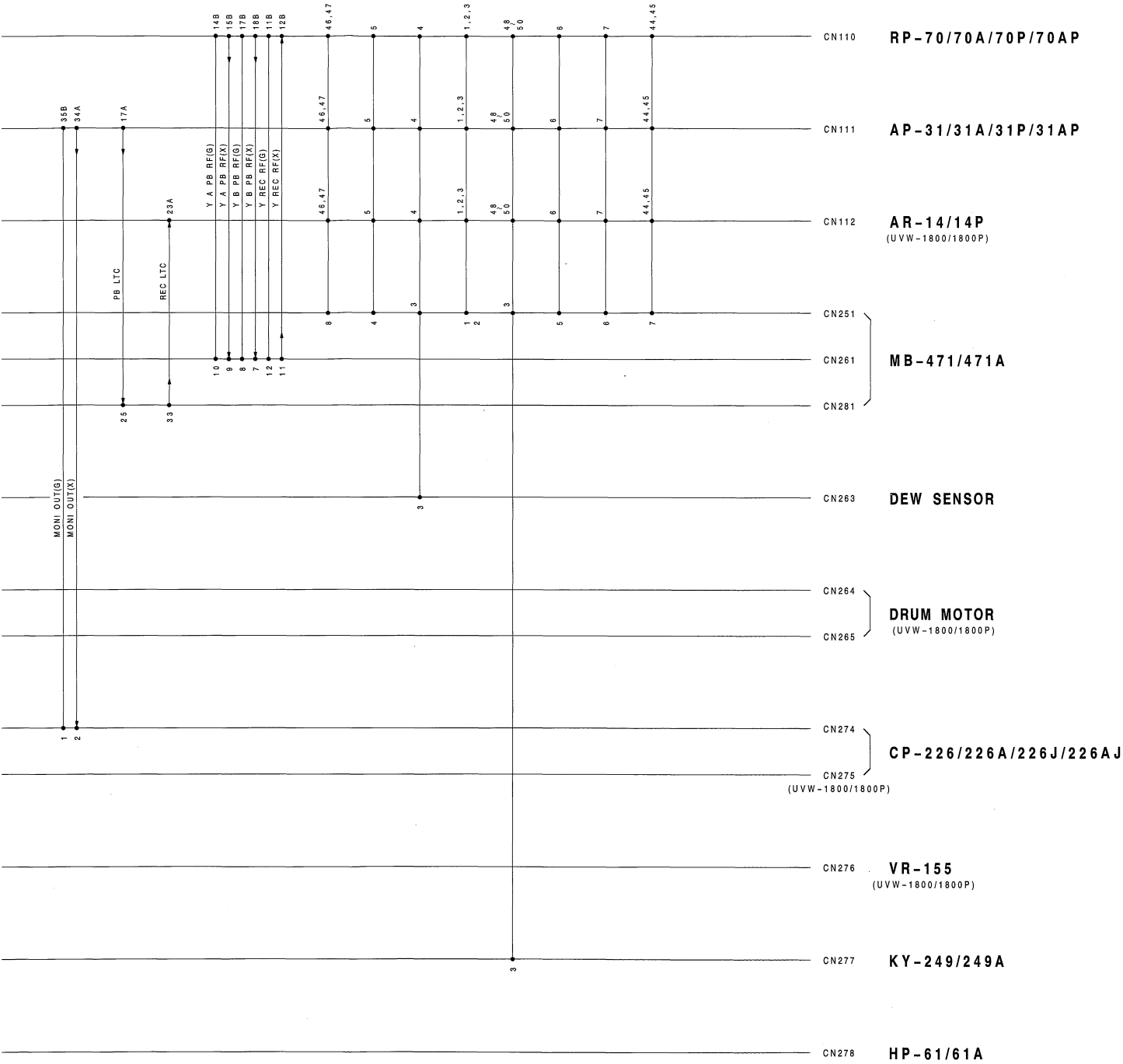
MB-471/471A BOARD (1 / 2)

BOARD NO.1-648-919-12,22
UVW-1800 (J) :10901-
UVW-1800 (UC):13931-
UVW-1800P (EK) :14141-
UVW-1600 (J) :10601-
UVW-1600 (UC):12901-
UVW-1600P (EK) :13781-

UVW-1800 (J)	: Serial	No.10901	and higher
UVW-1800 (UC)	: Serial	No.13931	and higher
UVW-1800P (EK)	: Serial	No.14141	and higher
UVW-1600 (J)	: Serial	No.10601	and higher
UVW-1600 (UC)	: Serial	No.12901	and higher
UVW-1600P (EK)	: Serial	No.13781	and higher

MB-471/471A(2/2);MOTHER BOARD





MB-471/471A BOARD (2 / 2)

BOARD NO.1-648-919-12,22
UVW-1800 (J) ;#10901-
UVW-1800 (UC);#13931-
UVW-1800P(EK);#14141-
UVW-1600 (J) ;#10601-
UVW-1600 (UC);#12901-
UVW-1600P(EK);#13781-

UVW-1800 (J) ;	Serial No.10001 through 10900
UVW-1800 (UC) ;	Serial No.10001 through 13930
UVW-1800P (EK) ;	Serial No.10001 through 14140
UVW-1600 (J) ;	Serial No.10001 through 10600
UVW-1600 (UC) ;	Serial No.10001 through 12900
UVW-1600P (EK) ;	Serial No.10001 through 13780

MB-471/471A(1/2);MOTHER BOARD

RP-70/70A/70P/70AP				
RP-70/70A/70P/70AP		CN110		
		A	B	
111-1.2.3	REG GND	1	REG GND	251-1.2
111-1.2.3	REG GND	2	REG GND	251-1.2
111-1.2.3	REG GND	3	REG GND	251-1.2
5V	111-4	REG +5V	4	REG +5V
5V	111-5	UNREG +6V	5	UNREG +6V
-5V	111-6	REG -5V	6	REG -5V
-8V	111-7	UNREG +8V	7	UNREG +8V
	NC	8	NC	
100	281-2	L:Y B REC EN A/V	9	L:Y A REC EN A/V
	NC	10	GND(GUARD)	
	NC	11	Y REC RF(G)	
	NC	12	Y REC RF(X)	
	NC	13	GND(GUARD)	
	NC	14	Y A PB RF(G)	
	NC	15	Y A PB RF(X)	
	NC	16	GND(GUARD)	
	NC	17	Y B PB RF(G)	
	NC	18	Y B PB RF(X)	
	NC	19	GND(GUARD)	
	NC	20	L:REC CONT	
101	281-5	L:C B REC EN A/V	21	L:C A REC EN A/V
	NC	22	GND(GUARD)	
	NC	23	C REC RF(G)	
	NC	24	C REC RF(X)	
	NC	25	GND(GUARD)	
	NC	26	C A PB RF(G)	
	NC	27	C A PB RF(X)	
	NC	28	GND(GUARD)	
	NC	29	C B PB RF(G)	
	NC	30	C B PB RF(X)	
	NC	31	GND(GUARD)	
102	281-7	L:RE B CONT	32	L:RE A CONT
	NC	33	NC	
	NC	34	CH-B RE(Y)	
	NC	35	CH-B RE(X)	
	NC	36	CH-B RE(G)	
	NC	37	CH-A RE(G)	
	NC	38	CH-A RE(Y)	
	NC	39	CH-A RE(X)	
	NC	40	NC	
	NC	41	FULL ERASE(G)	
	NC	42	FULL ERASE(Y)	
103	281-8	H:FULL ERASE ON	43	FULL ERASE(X)
-12V	111-44.45	UNREG +12V	44	UNREG +12V
-12V	111-44.46	UNREG +12V	45	UNREG +12V
-12V	111-46.47	UNREG +12V	46	UNREG +12V
-12V	111-46.47	UNREG +12V	47	UNREG +12V
-12V	111-48.49.50	UNREG GND	48	UNREG GND
-12V	111-48.49.50	UNREG GND	49	UNREG GND
-12V	111-48.49.50	UNREG GND	50	UNREG GND

AP-31/31A/31P/31AP				
AP-31/31A/31P/31AP		CN111		
		A	B	
112-1.2.3	REG GND	1	REG GND	110-1.2.3
112-1.2.3	REG GND	2	REG GND	110-1.2.3
112-1.2.3	REG GND	3	REG GND	110-1.2.3
5V	112-4	REG +5V	4	REG +5V
5V	112-5	UNREG +6V	5	UNREG +6V
-5V	112-6	REG -5V	6	REG -5V
-8V	112-7	UNREG +8V	7	UNREG +8V
	NC	8	CH 1 LINE OUT(G)	
129	274-4	CH 1 LINE OUT(X)	9	CH 1 HP OUT(G)
	NC	10	CH 1 HP OUT(X)	
130	278-5	CH 1 HP RET	11	CH 1 HP VOL(G)
	NC	12	CH 1 HP VOL(X)	
131	112-15A,276-6	CH 1 REC VOL(G)	13	CH 1 METER OUT
	NC	14	CH 1 REC RET	
132	112-18B	CH 1 ENC(X)	15	CH 1 ENC(G)
	NC	16	(REG GND)	
133	281-25	PB LTC	17	LTC EQ(X)
	NC	18	(REG GND)	
134	112-19B	LTC REC I(G)	19	LTC REC I(X)
	NC	20	LTC REC I(G)	
135	112-30B	CH 2 INSERT CROSSTALK	21	CH 1 INSERT CROSSTALK
	NC	22	H:CTL OUT	
136	281-21	L:AU CH 1 HEAD REC	23	L:AU CH 1 PB MUTE
	NC	24	L:AU CH 2 PB MUTE	
137	281-18	L:AU CH 2 HEAD REC	25	L:AU CH 1 PB
	NC	26	L:AU CH 2 PB	
138	112-27B,281-15	H:LTC PB	27	L:AUDIO ATT ON
	NC	28	L:SLOW EQ ON	
139	112-29B	H:BIAS ON	29	H:NR ON
	NC	30	L:MAINT MODE	
	NC	31	CH 1 REC HEAD(X)	
	NC	32	CH 1 REC HEAD(G)	
140	112-41A,111-32B	CH 1 REC HEAD(G)	33	CH 2 REC HEAD(X)
141	274-2	MONI OUT(X)	34	CH 2 REC HEAD(G)
	NC	35	MONI OUT(G)	
142	112-32B	CH 2 ENC(X)	36	(REG GND)
143	112-33A	CH 2 ENC(G)	37	CH 2 REC RET
	NC	38	CH 2 REC VOL(G)	
144	277-2	CH 2 METER OUT	39	CH 2 HP VOL(X)
	NC	40	CH 2 HP VOL(G)	
145	278-9	CH 2 HP RET	41	CH 2 HP OUT(X)
	NC	42	CH 2 HP OUT(G)	
146	274-6	CH 2 LINE OUT(X)	43	CH 2 LINE OUT(G)
-12V	112-44.45	UNREG +12V	44	UNREG +12V
-12V	112-44.46	UNREG +12V	45	UNREG +12V
-12V	112-46.47	UNREG +12V	46	UNREG +12V
-12V	112-46.47	UNREG +12V	47	UNREG +12V
-12V	112-48.49.50,277-3	UNREG GND	48	UNREG GND
-12V	112-48.49.50,277-3	UNREG GND	49	UNREG GND
-12V	112-48.49.50,277-3	UNREG GND	50	UNREG GND

CN251		CN261	
MB-470P/IA/201-1	1 REG GND	1 C B PB RF(X)	110-30B
MB-470P/IA/201-2	2 REG GND	2 C B PB RF(G)	110-29B
MB-470P/IA/201-3	3 REG +5V	3 C A PB RF(X)	110-27B
MB-470P/IA/201-4	4 UNREG +6V	4 C A PB RF(G)	110-26B
MB-470P/IA/201-5	5 REG -5V	5 C REC RF(X)	110-24B
MB-470P/IA/201-6	6 UNREG +8V	6 C REC RF(G)	110-23B
MB-470P/IA/201-7	7 UNREG +12V	7 Y B PB RF(X)	110-18B
MB-470P/IA/201-8	8 UNREG +12V	8 Y B PB RF(G)	110-17B
MB-470P/IA/201-9	9 UNREG GND	9 Y A PB RF(X)	110-15B
		10 Y A PB RF(G)	110-14B
		11 Y REC RF(X)	110-12B
		12 Y REC RF(G)	110-11B

CN263	
DEW SENSOR	1 DEW DET(X)
DEW SENSOR	2 DEW DET(G)

CN264	
DRUM 301-1	1 NC
DRUM 301-2	2 CH-A RE(X)
DRUM 301-3	3 CH-A RE(Y)
DRUM 301-4	4 CH-A RE(G)
DRUM 301-5	5 CH-B RE(X)
DRUM 301-6	6 CH-B RE(Y)
DRUM 301-7	7 CH-B RE(G)

CN265	
FE HEAD	1 FULL ERASE(Y)
FE HEAD	2 FULL ERASE(G)
FE HEAD	3 FULL ERASE(X)

CN274	
OP-226/IA/274-1	1 MONI OUT(G)
OP-226/IA/274-2	2 MONI OUT(X)
OP-226/IA/274-3	3 CH 1 LINE OUT(G)
OP-226/IA/274-4	4 CH 1 LINE OUT(X)
OP-226/IA/274-5	5 CH 2 LINE OUT(G)
OP-226/IA/274-6	6 CH 2 LINE OUT(X)
OP-226/IA/274-7	7 NC

CN275	
OP-226/IA/275-1	1 AU CH 1 INPUT(G)
OP-226/IA/275-2	2 AU CH 1 INPUT(X)
OP-226/IA/275-3	3 AU CH 1 INPUT(T)
OP-226/IA/275-4	4 AU CH 2 INPUT(G)
OP-226/IA/275-5	5 AU CH 2 INPUT(X)
OP-226/IA/275-6	6 AU CH 2 INPUT(T)

AR-14/14P				
CN112				
A		B		
REG GND	1	REG GND	111-1+2+3	
REG GND	2	REG GND	111-1+2+3	
REG GND	3	REG GND	111-1+2+3	
REG +5V	4	REG +5V	111-4	○5V
UNREG +6V	5	UNREG +6V	111-5	□5V
REG -5V	6	REG -5V	111-6	●-5V
UNREG -8V	7	UNREG -8V	111-7	■-8V
(REG GND)	8	(REG GND)	NC	
(REG GND)	9	(REG GND)	NC	
(REG GND)	10	CH 1 INSERT CROSSTALK	111-21B	◀158
(REG GND)	11	(REG GND)	NC	
(REG GND)	12	AU CH 1 INPUT(Y)	275-2	◀185
275-1	13	(REG GND)	NC	
(REG GND)	14	AU CH 1 INPUT(X)	275-3	◀186
111-13A,276-6	15	(REG GND)	NC	
(REG GND)	16	CH 1 REC VOL(X)	276-4	◀187
111-15B	17	(REG GND)	NC	
(REG GND)	18	CH 1 ENC(X)	111-15A	◀132
(REG GND)	19	LTC REC I(Q)	111-19A	◀134
(REG GND)	20	LTC REC I(X)	111-19B	◀156
(REG GND)	21	LTC REC I(Q)	111-20B	◀157
(REG GND)	22	(REG GND)	NC	
281-33	23	L LTC ERASE ON	281-34	◀188
(REG GND)	24	L/AU CH 2 ERASE ON	281-32	◀189
281-30	25	L/AU CH 1 ERASE ON	281-31	◀190
(REG GND)	26	L/AU CH 1 REC MUTE	281-29	◀191
281-28	27	H LTC PB	111-27A,281-15	◀188
(REG GND)	28	L/AU CH 1 BIAS ON	281-27	◀189
281-26	29	H BIAS ON	111-29A	◀130
(REG GND)	30	CH 2 INSERT CROSSTALK	111-21A	◀135
(REG GND)	31	(REG GND)	NC	
(REG GND)	32	CH 2 ENC(X)	111-36A	◀142
111-37A	33	(REG GND)	NC	
(REG GND)	34	CH 2 REC VOL(X)	276-1	◀193
111-38B,276-3	35	(REG GND)	NC	
(REG GND)	36	AU CH 2 INPUT(X)	275-6	◀194
275-4	37	(REG GND)	NC	
(REG GND)	38	AU CH 2 INPUT(Y)	275-5	◀195
(REG GND)	39	(REG GND)	NC	
(REG GND)	40	(REG GND)	NC	
111-33A,111-32B	41	CH 1 REC HEAD(X)	111-31B	◀168
(REG GND)	42	CH 2 REC HEAD(G)	111-34B	◀170
111-33B	43	(REG GND)	NC	
UNREG -12V	44	UNREG -12V	111-44+45	▲-12V
UNREG +12V	45	UNREG -12V	111-44+45	▲-12V
UNREG +12V	46	UNREG +12V	111-46+47	▲12V
UNREG +12V	47	UNREG +12V	111-46+47	▲12V
UNREG GND	48	UNREG GND	111-48+49+50	▲12V
UNREG GND	49	UNREG GND	111-48+49+50	▲12V
UNREG GND	50	UNREG GND	111-48+49+50	▲12V

CN112,CN264,CN265,CN275,CN276 ••• UVW-1800/1800P

CN276	
VR-155,102-1	1 CH 2 REC VOL(X)
VR-155,102-2	2 CH 2 REC RET
VR-155,102-3	3 CH 2 REC VOL(G)
VR-155,102-4	4 CH 2 REC RET(X)
VR-155,102-5	5 CH 1 REC RET(X)
VR-155,102-6	6 CH 1 REC VOL(G)

CN277	
KY-243A,592-1	1 CH 1 METER OUT
KY-243A,592-2	2 CH 2 METER OUT
KY-243A,592-3	3 UNREG GND
KY-243A,592-4	4 NC

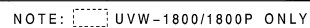
CN278	
HP-61/A,401-1	1 CH 1 HP OUT(X)
HP-61/A,401-2	2 CH 1 HP OUT(G)
HP-61/A,401-3	3 CH 2 HP OUT(X)
HP-61/A,401-4	4 CH 2 HP OUT(G)
HP-61/A,401-5	5 CH 1 HP RET
HP-61/A,401-6	6 CH 1 HP VOL(X)
HP-61/A,401-7	7 CH 1 HP VOL(G)
HP-61/A,401-8	8 CH 2 HP VOL(X)
HP-61/A,401-9	9 CH 2 HP VOL(G)
HP-61/A,401-10	10 CH 2 HP VOL(G)

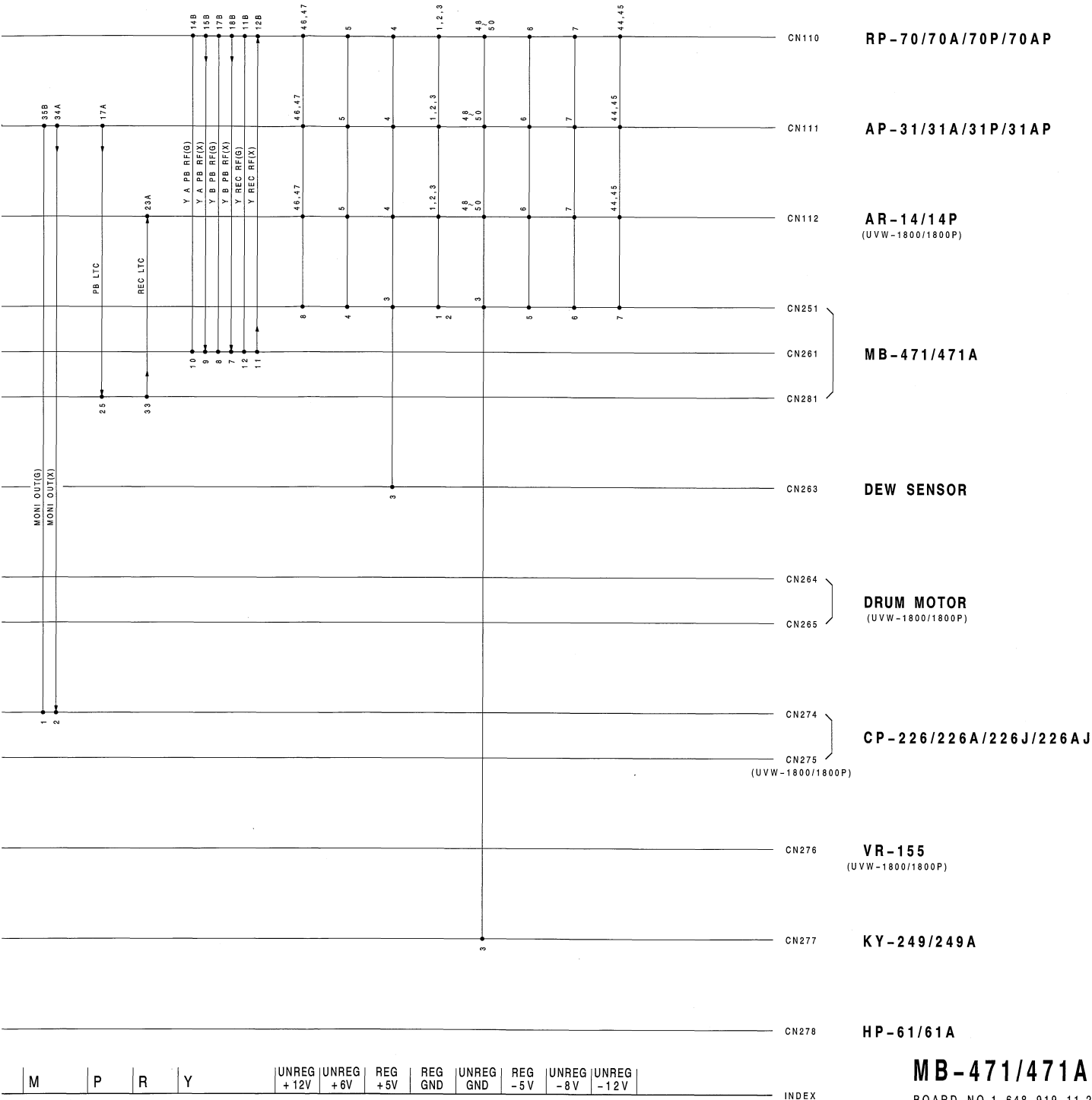
CN281	
MB-470P/IA/P,231-33	1 L Y A REC EN A/V
MB-470P/IA/P,231-33	2 L Y B REC EN A/V
MB-470P/IA/P,231-32	3 L REC CONT
MB-470P/IA/P,231-31	4 L C A REC EN A/V
MB-470P/IA/P,231-30	5 L C B REC EN A/V
MB-470P/IA/P,231-29	6 L RE A CONT
MB-470P/IA/P,231-28	7 L RE B CONT
MB-470P/IA/P,231-27	8 H/PULL ERASE ON
MB-470P/IA/P,231-26	9 DEW DET(X)
MB-470P/IA/P,231-25	10 DEW DET(X)
MB-470P/IA/P,231-24	11 L MAINT MODE
MB-470P/IA/P,231-23	12 HNR ON
MB-470P/IA/P,231-22	13 LBLW EQ ON
MB-470P/IA/P,231-21	14 L/AUDIO ATT ON
MB-470P/IA/P,231-20	15 H LTC PB
MB-470P/IA/P,231-19	16 L/AU CH 2 PB
MB-470P/IA/P,231-18	17 L/AU CH 1 PB
MB-470P/IA/P,231-17	18 L/AU CH 2 HEAD REC
MB-470P/IA/P,231-16	19 L/AU CH 2 PB MUTE
MB-470P/IA/P,231-15	20 L/AU CH 1 PB MUTE
MB-470P/IA/P,231-14	21 L/AU CH 1 HEAD REC
MB-470P/IA/P,231-13	22 L/AU CH 2 HEAD REC
MB-470P/IA/P,231-12	23 L/AU CH 2 HEAD REC
MB-470P/IA/P,231-11	24 LTC EQ(G)
MB-470P/IA/P,231-10	25 PB LTC
MB-470P/IA/P,231-9	26 L/AU CH 2 BIAS ON
MB-470P/IA/P,231-8	27 L/AU CH 1 BIAS ON
MB-470P/IA/P,231-7	28 HQSC OFF
MB-470P/IA/P,231-6	29 L/AU CH 1 REC MUTE
MB-470P/IA/P,231-5	30 L/AU CH 2 REC MUTE
MB-470P/IA/P,231-4	31 L/AU CH 1 REC MUTE
MB-470P/IA/P,231-3	32 L/AU CH 2 ERASE ON
MB-470P/IA/P,231-2	33 REC LTC
MB-470P/IA/P,231-1	34 L LTC ERASE ON

MB-471/471A BOARD (1/2)

BOARD NO.1-648-919-11,21
UVW-1800 (J) ;#10001-10900
UVW-1800 (UC) ;#10001-13930
UVW-1800P (EK) ;#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (UC) ;#10001-12900
UVW-1600P (EK) ;#10001-13780

MB-471/471A(2/2);MOTHER BOARD

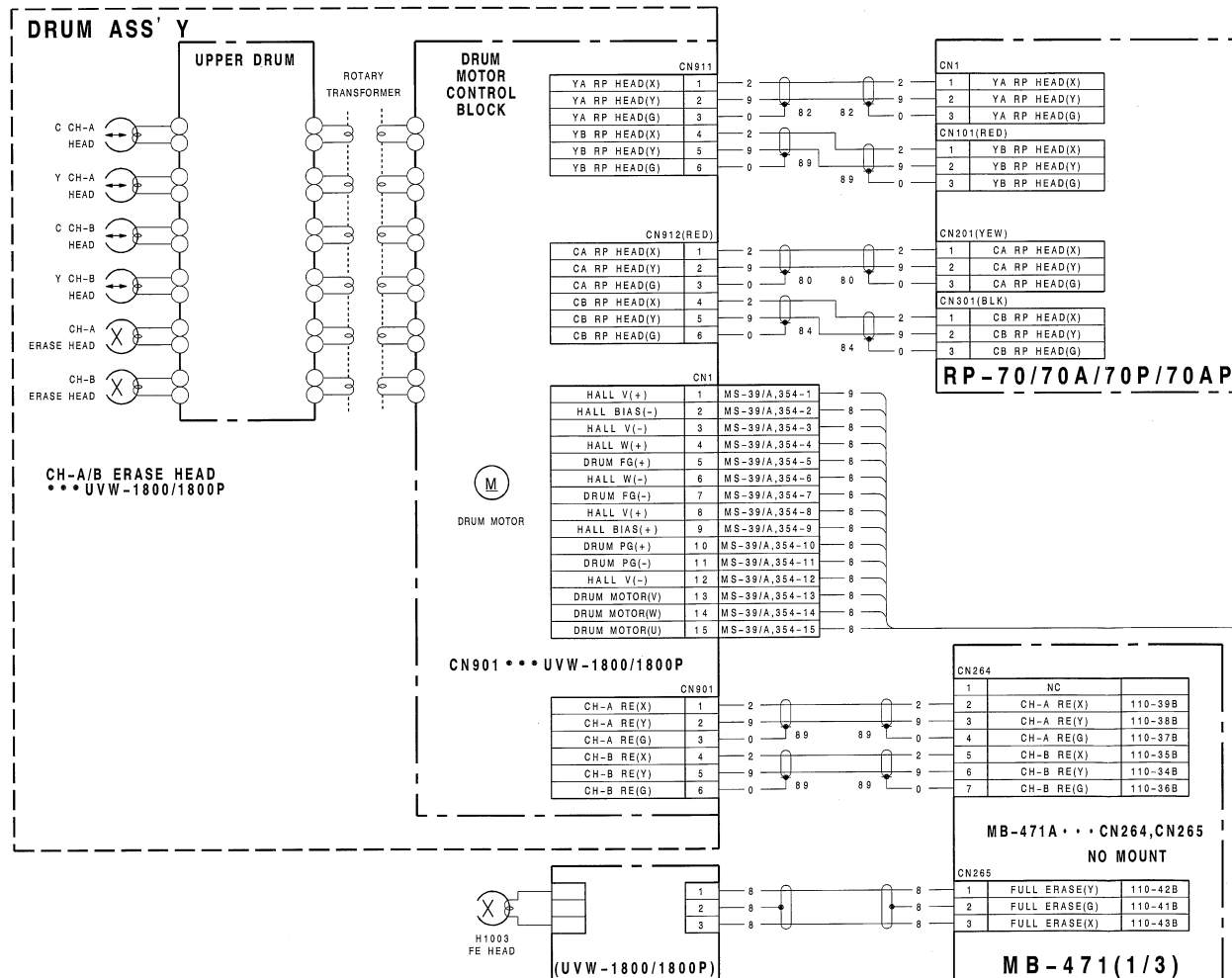
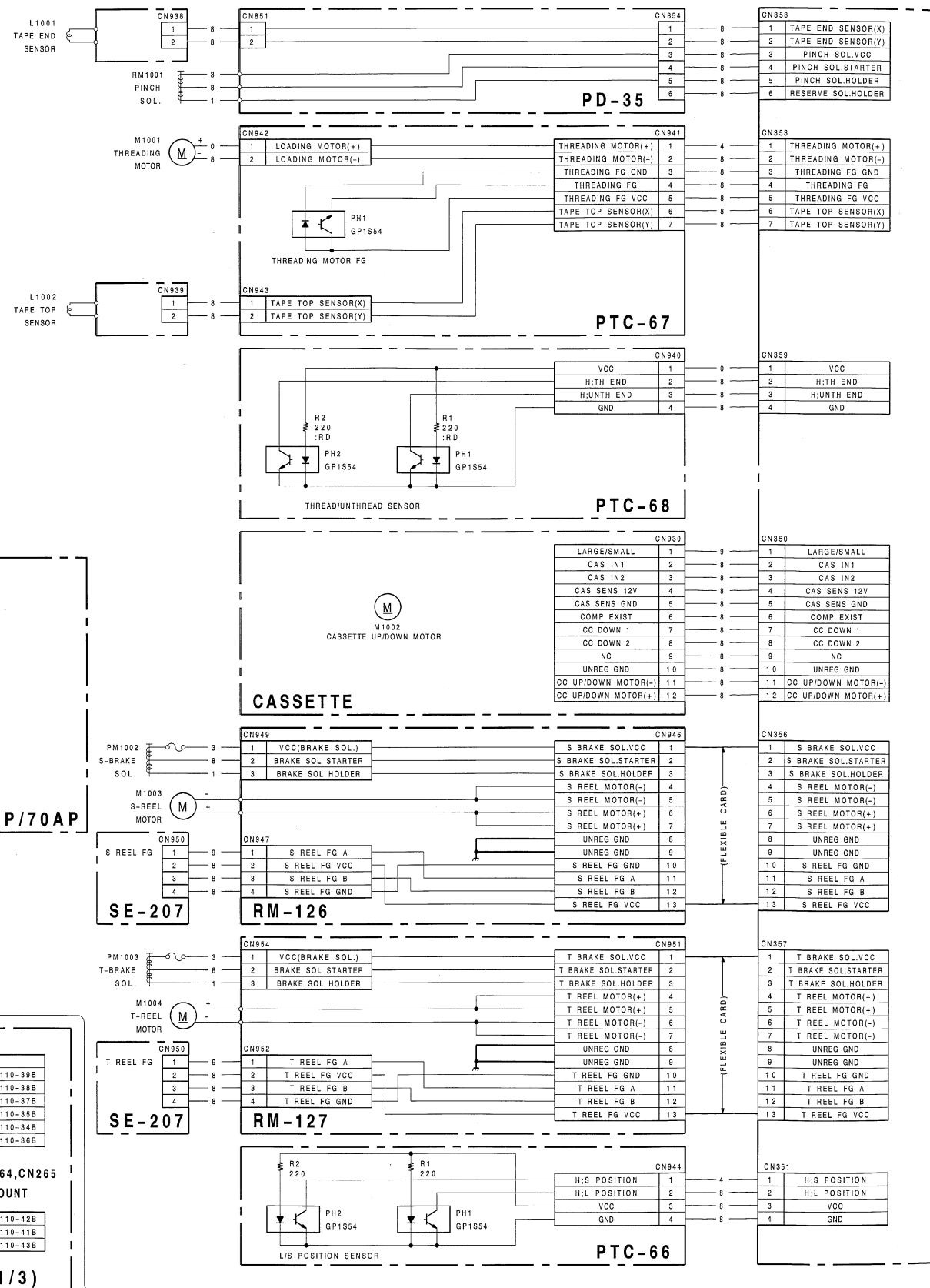
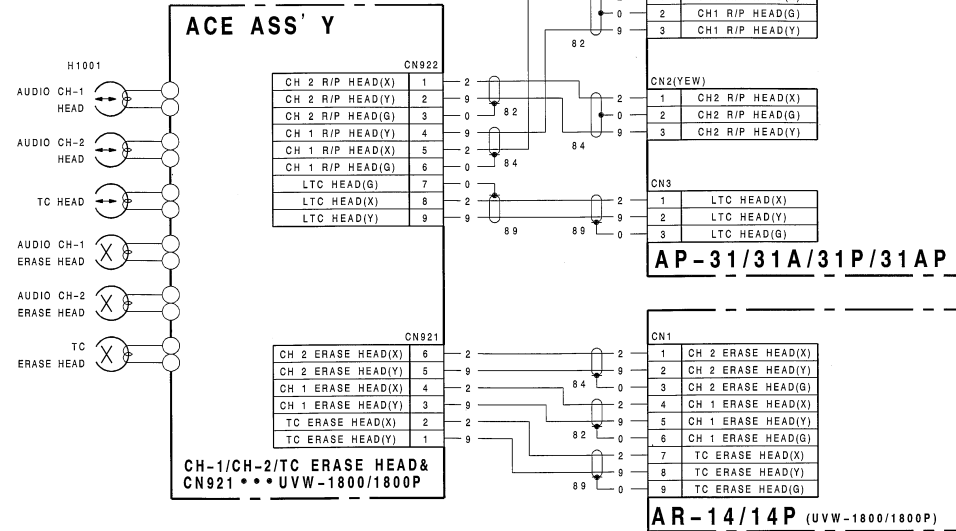


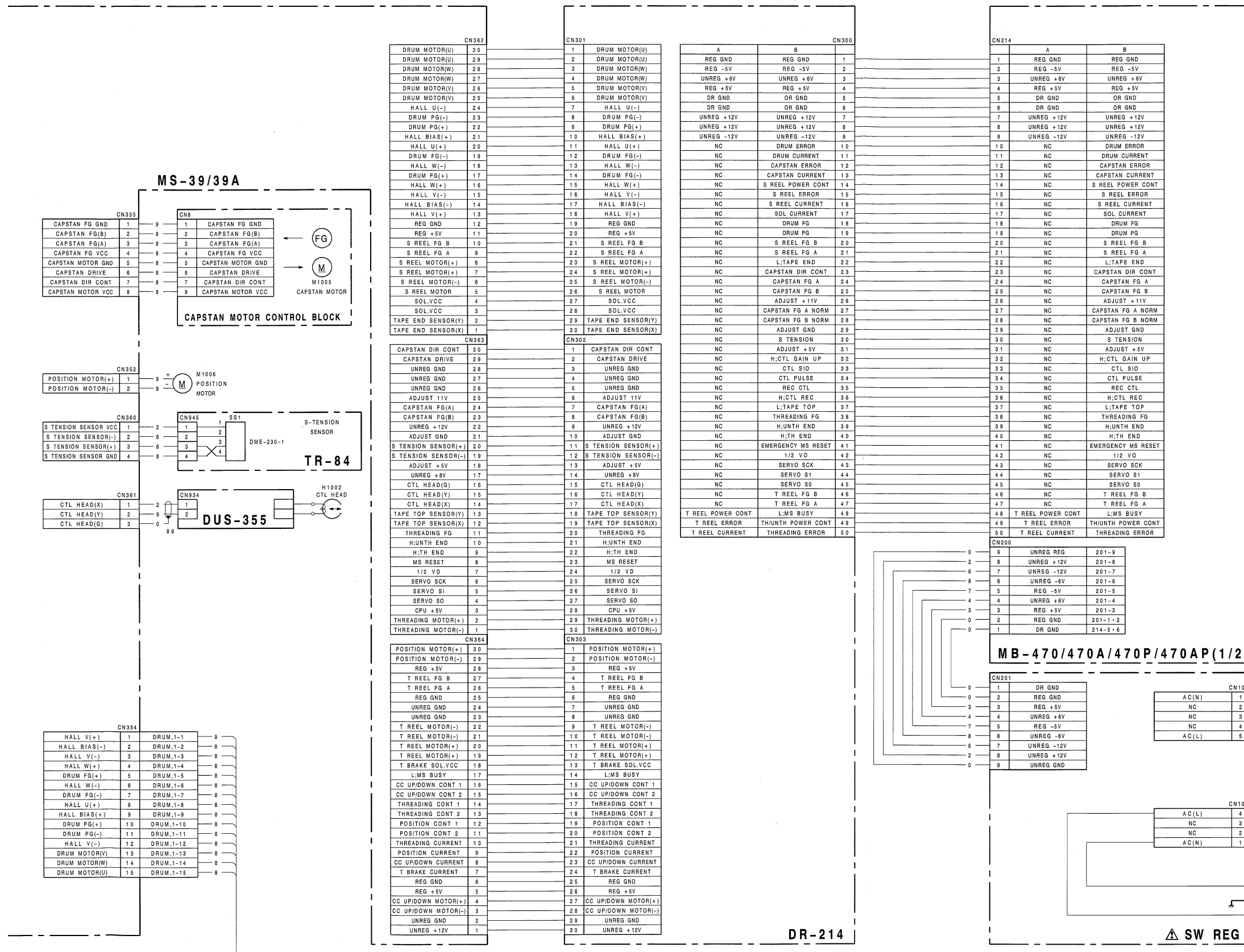


MB-471/471A BOARD (2 / 2)

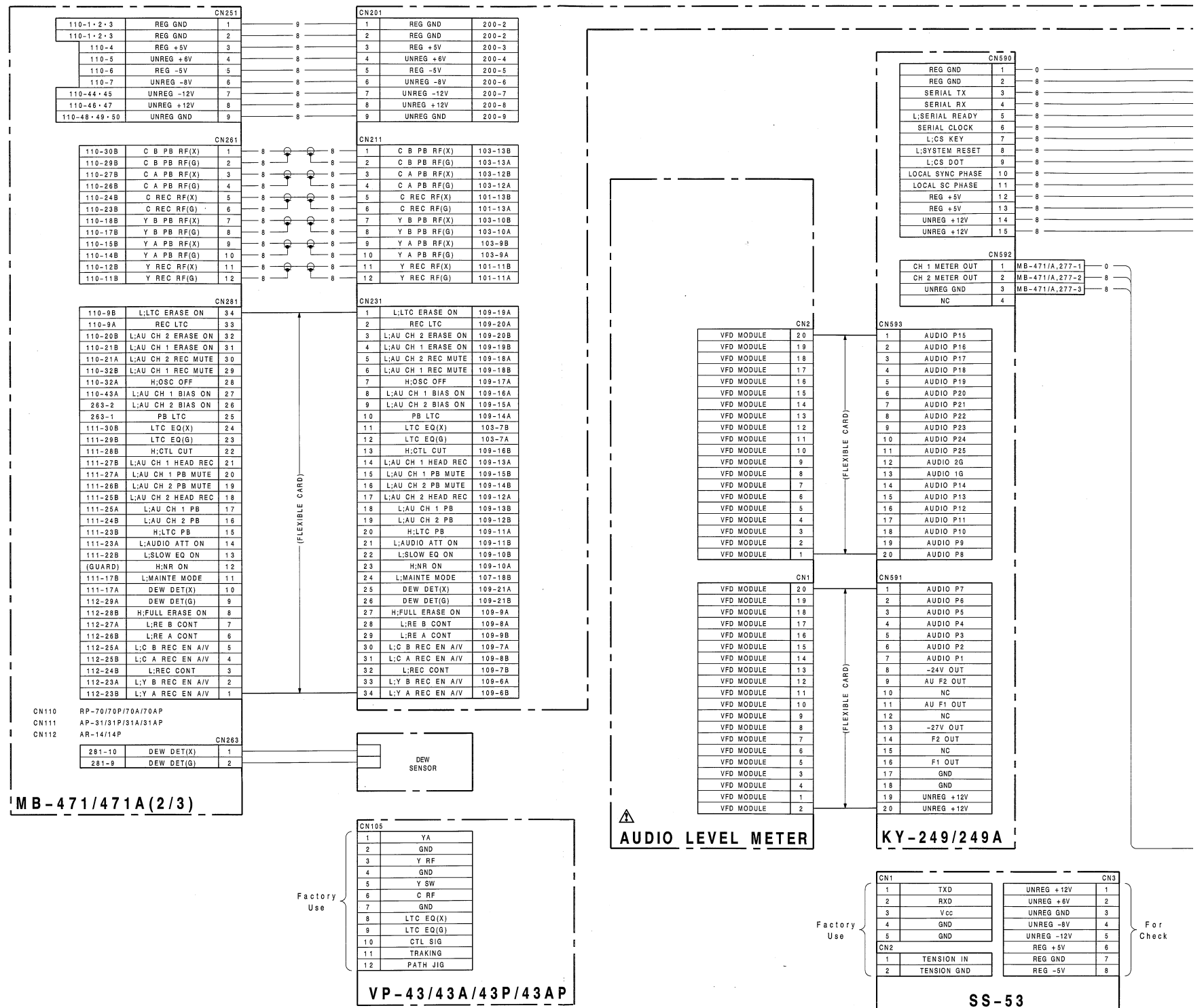
BOARD NO.1-648-919-11,21
UVW-1800 (J) ;#10001-10900
UVW-1800 (U C) ;#10001-13930
UVW-1800P (E K) ;#10001-14140
UVW-1600 (J) ;#10001-10600
UVW-1600 (U C) ;#10001-12900
UVW-1600P (E K) ;#10001-13780

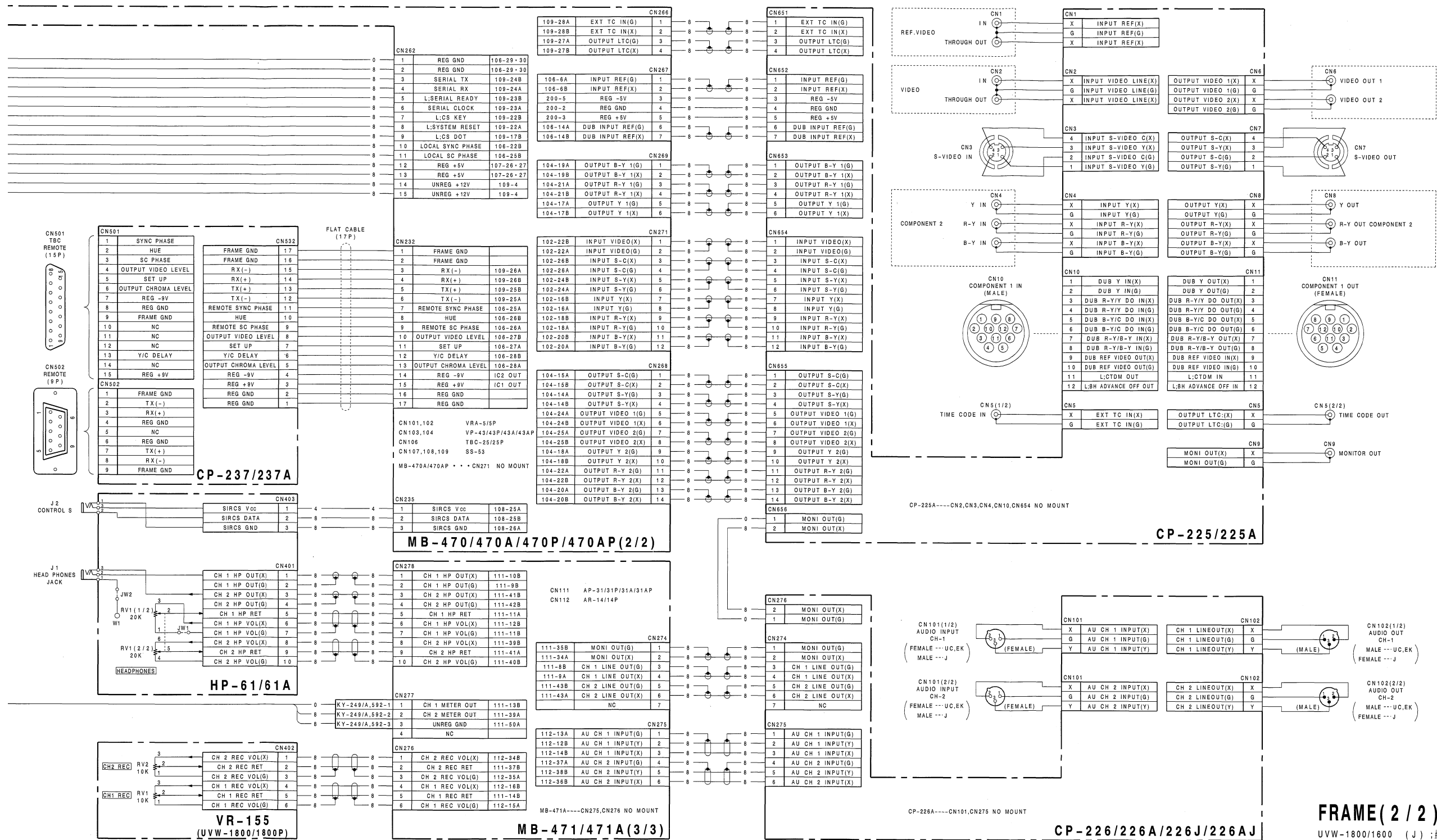
FRAME(1/2)





FRAME(2/2)





UVW-1800/1600 (J); $\frac{11}{16}$ 10001-
UVW-1800/1600 (UC); $\frac{11}{16}$ 10001-
UVW-1800P/1600P (EK); $\frac{11}{16}$ 10001-

SECTION 17

SEMICONDUCTOR PIN ASSIGNMENTS

この章の図の中には互換性のないダイオード、トランジスタ、ICが併記されていることがあります。部品を交換するときには必ず部品表を参照してください。

等価回路はICメーカーのData Bookに従いました。

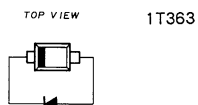
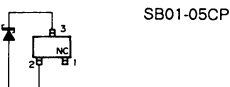
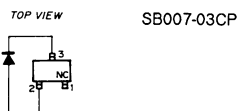
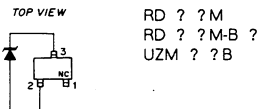
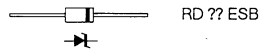
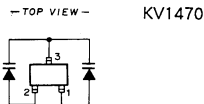
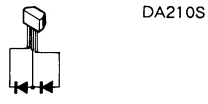
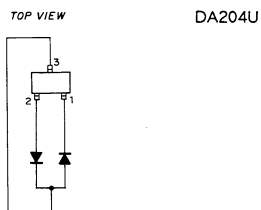
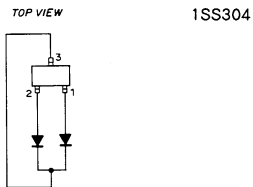
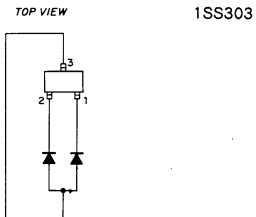
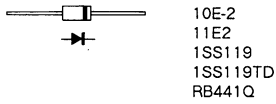
The chart in this section may sometimes show diodes, transistors, and ICs that are not interchangeable. When replacing a component, be sure to refer to the parts list. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	PAGE	TRANSISTOR	PAGE	IC	PAGE	IC	PAGE
10E-2	17-3	2SB810	17-4	74F00SJ	17-6	M51957BFP	17-22
11E2	17-3	2SB941	17-4			M51957BL	17-22
		2SC1623	17-4	AM27C020-150DC	17-6	M51958A	17-22
1SS119	17-3	2SC2458	17-4	AN77L05	17-6	M54523P	17-22
1SS119TD	17-3	2SC2655	17-4			M54532P	17-22
1SS303	17-3	2SC2715	17-4	BX3914	17-6		
1SS304	17-3	2SC2715Y	17-4			MB4002PF	17-22
1SV160	17-3	2SC2785	17-4	CX20188	17-7	MB40568	17-23
1T33C	17-3	2SC3012	17-4	CX22017	17-6	MB40568PF	17-23
1T363	17-3	2SC3332	17-4			MB88201	17-22
		2SC3399	17-4	CXA1370Q	17-8	MB88342PF	17-23
DA204U	17-3	2SC3735	17-4	CXA1450M	17-7		
DA210S	17-3	2SC4176-B35	17-4	CXA1451M	17-7	MC14051BF	17-23
		2SC4177	17-4	CXA1479Q	17-8	MC14052BF	17-23
KV1470	17-3	2SC4178-F13	17-4	CXA1521M	17-7	MC14053BCP	17-23
		2SC4213A	17-4	CXA1727Q	17-37	MC14053BF	17-23
						MC14066BF	17-24
RB441Q	17-3	2SD1020	17-4	CXD101-106Q	17-38	MC14069UBF	17-24
RD??ESB	17-3	2SD1021	17-4	CXD1095Q	17-9	MC14576BF	17-24
RD??M	17-3	2SD2136	17-4	CXD1151Q	17-10	MC14576CFEL	17-24
RD??M-B?	17-3	2SD596-DV5	17-4	CXD1171M	17-9	MC34051M	17-24
		2SD773	17-4	CXD1175AM	17-11	MC68HC05C8	17-24
SB007-03CP	17-3	2SD788	17-4	CXD1216M	17-11	MC74HC173F	17-25
SB01-05CP	17-3			CXD2202Q	17-12	MC74HC4002F	17-25
		2SJ106	17-4	CXD2207Q	17-13	MC74HC4024N	17-25
UZM??B	17-3	2SJ226	17-5	CXD8161AQ	17-16	MC74HC4538AN	17-26
				CXD8165Q	17-15		
LED		2SK209	17-5	CXD8176AQ	17-14	MS6264CLL-10FC	17-25
GL480	17-3	2SK613	17-5	CXD8243AM	17-14		
		2SK852	17-5	CXD8310M	17-10	NJM2068DD	17-26
MISCELLANEOUS		2SK94-X4	17-5	CXD8313Q	17-18	NJM2903D	17-19
						NJM360M	17-26
DM-230	17-3	DTA123JU	17-5	CXK48324Q	17-16	NJM4556M-A	17-26
GP1A30R	17-3	DTA144EU	17-5			NJM4558D-D	17-26
				HD6435348RA00F	17-20	NJM4558D-FA	17-26
TRANSISTOR		DTC144ES	17-4			NJM4558M	17-26
		DTC144EU	17-5	L78M09T-FA	17-19	NJM78L09A	17-26
2SA1020	17-3					NJM78M09FA	17-26
2SA1115	17-3	FMS2	17-5	L79M05T-FA	17-19	NJM79L05A	17-26
2SA1141	17-3	FMW2	17-5	L79M09T-FA	17-19	NJM79L09A	17-26
2SA1150	17-3	FMW7	17-5			NJM79M09FA	17-27
2SA1175	17-3	FMW8	17-5	LA7205	17-19		
2SA1232	17-3	FMY3	17-5			PQ05SZ51	17-19
2SA1319	17-3			LB1620	17-20	PQ30RV1	17-27
2SA1610	17-3	IMX1	17-5				
2SA1611	17-3			LM1881M	17-19	SC14S66FEL	17-27
		PT480	17-5	LM2903P	17-19	SC7S04F	17-27
2SB1094	17-4			LM2903PS	17-19	SC7S32F	17-27
2SB1416	17-4			LM311PS	17-19		
2SB733	17-4			LM358P	17-19	SN74HC00AN	17-27
2SB733-34	17-4					SN74HC00ANS	17-27

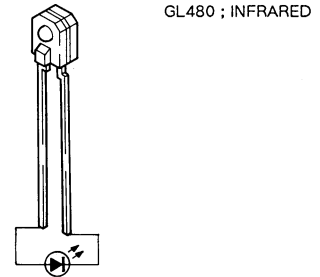
INDEX

IC	PAGE
SN74HC04ANS	17-27
SN74HC08AN	17-27
SN74HC08ANS	17-27
SN74HC10ANS	17-28
SN74HC11ANS	17-28
SN74HC138ANS	17-28
SN74HC157ANS	17-28
SN74HC161AN	17-28
SN74HC164ANS	17-28
SN74HC192NS	17-29
SN74HC266ANS	17-29
SN74HC27ANS	17-29
SN74HC273ANS	17-38
SN74HC32ANS	17-29
SN74HC541ANS	17-29
SN74HC7266NS	17-29
SN74HC74AN	17-29
SN74HC74ANS	17-29
SN74HC86ANS	17-30
SN74HCU04AN	17-27
SN74HCU04ANS	17-27
SN74LS221NS	17-30
SRM2016M10	17-30
TA7267P	17-30
TA78L09S	17-26
TC5081AP	17-31
TC74HC123AF	17-31
TC74HC191AF	17-31
TC74HC221AF	17-30
TC7S04F	17-27
TC7S08F	17-31
TC7S32F	17-27
TL062CPS	17-31
TL082CPS	17-31
TL084CNS	17-31
TL431CLP	17-32
UPC324G2	17-32
UPC358C	17-19
UPC358G2	17-19
UPC4557C	17-32
UPC4570C	17-32
UPC4570G2	17-32
UPC4574G2	17-32
UPC78L05T	17-32
UPD4053BC	17-23
UPD42101C-3	17-32
UPD42101G-3	17-32
UPD6453GT	17-33
UPD70320GJ-8	
-5BG	17-36
UPD75028GC	17-34
UPD75048CW	17-35

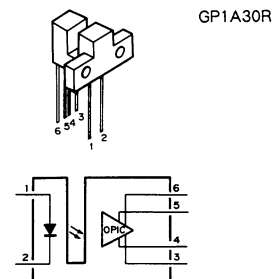
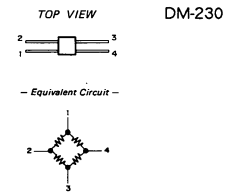
DIODE



LED

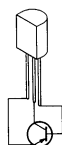


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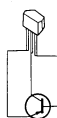


TRANSISTOR

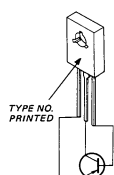
TRANSISTOR



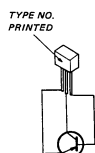
2SA1020



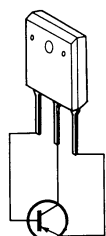
2SA1115
2SA1150



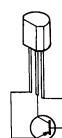
2SA1141



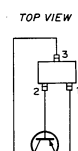
2SA1175
2SB810



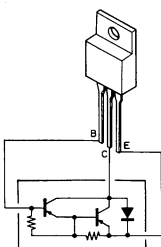
2SA1232



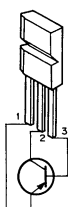
2SA1319



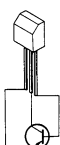
2SA1610
2SA1611



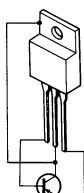
2SB1094



2SB1416



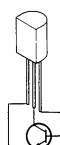
2SB733
2SB733-34



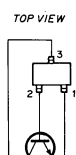
2SB941



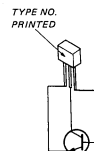
2SC2458



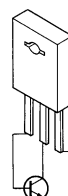
2SC2655
2SD788



2SC1623
2SC2715
2SC2715Y
2SC3735
2SC4176-B35
2SC4177-L6
2SC4178-F13
2SC4213A
2SD596-DV5



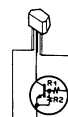
2SC2785
2SD1020
2SD1021



2SC3012



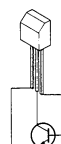
2SC3332



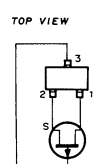
2SC3399 (R1 = 47K, R2 = 47K)
DTC144ES (R1 = 47K, R2 = 47K)



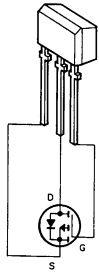
2SD2136



2SD773



2SJ106

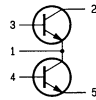


2SJ226

TOP VIEW



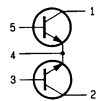
FMW7



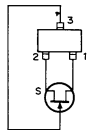
TOP VIEW



FMW8

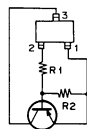


TOP VIEW



2SK209
2SK613
2SK852
2SK94-X4

TOP VIEW

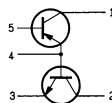


DTA123JU (R1 = 2.2K, R2 = 47K)
DTA144EU (R1 = 47K, R2 = 47K)

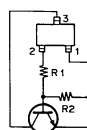
TOP VIEW



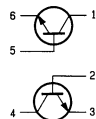
FMY3



TOP VIEW



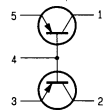
DTC144EU (R1 = 47K, R2 = 47K)



TOP VIEW



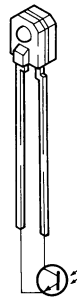
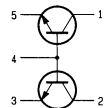
FMS2



TOP VIEW



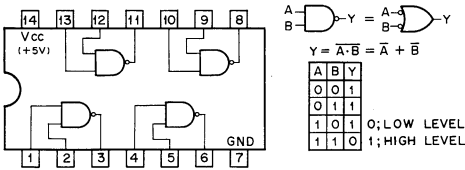
FMW2



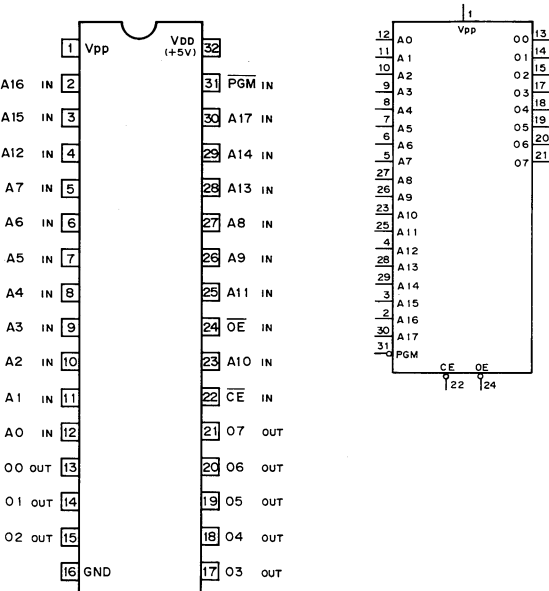
PT480



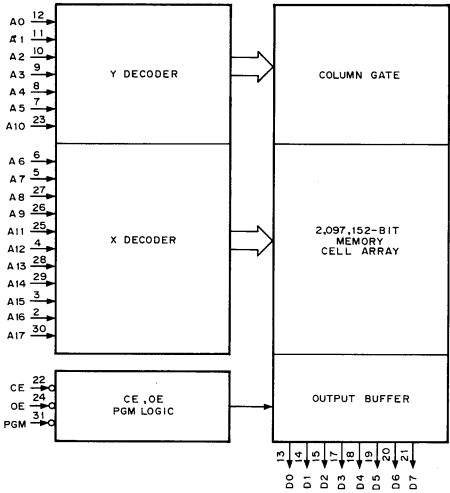
74F00SJ (NS) FLAT PACKAGE
TTL 2-INPUT POSITIVE-NAND GATE
- TOP VIEW -



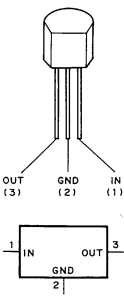
AM27C020-150DC (AMD)
C-MOS 2M (262,144x8)-BIT UV ERASABLE PROM
- TOP VIEW -



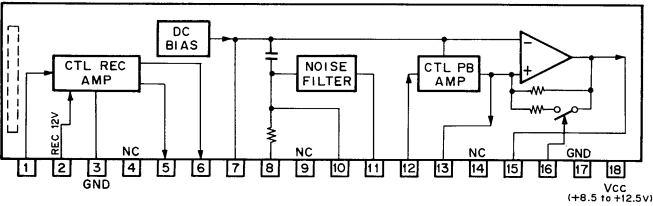
A0 - A17 : ADDRESS INPUT
O0 - O7 : DATA OUTPUT
CE : CHIP ENABLE
OE : OUTPUT ENABLE
PGM : PROGRAM INPUT



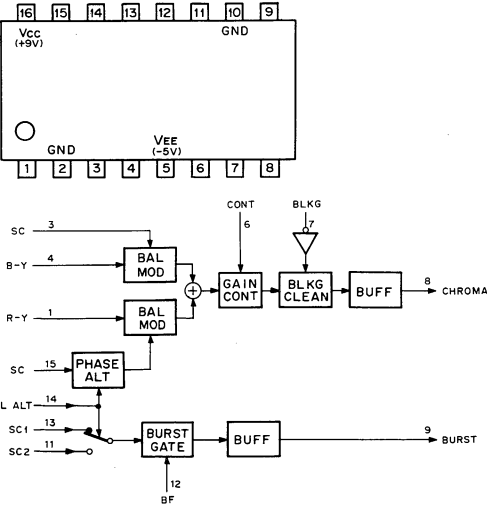
AN77L05 (PANASONIC) + 5V
POSITIVE VOLTAGE REGULATOR
- FRONT VIEW -



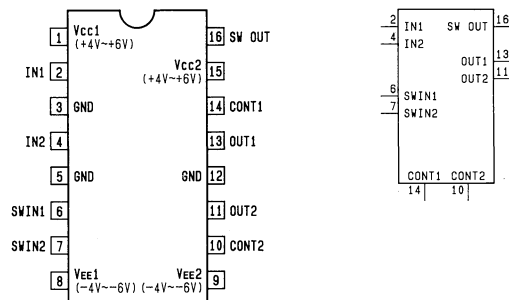
BX3914 (SONY)
CTL REC/PB AMPLIFIER
- PRINTED SIDE -



CX22017 (SONY)
VIDEO SIGNAL PROCESSOR
- TOP VIEW -



CXA1451M (SONY)

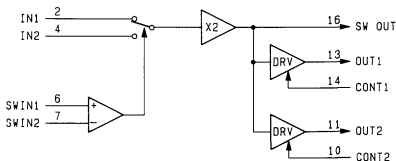
WIDEBAND VIDEO SWITCH
- TOP VIEW -

INPUT

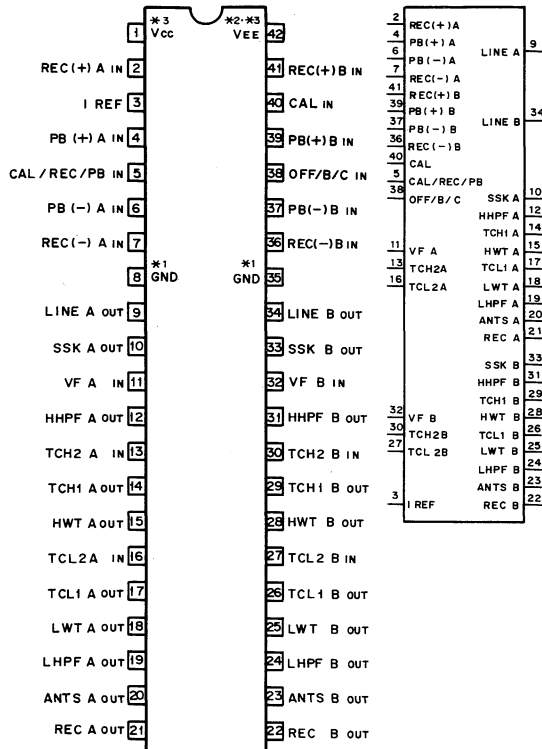
CONT1, 2 : POWER SAVE CONTROL PIN OF DRV.1 AND DRV.2
 IN1, 2 : 1/2-CHANNEL INPUT PIN
 SWIN1, 2 : IN1/IN2 PINS SWITCH CONTROL PIN

OUTPUT

OUT1, 2 : OUTPUT PIN OF DRV.1/2
 SWOUT : OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN
 SELECTED BY SWITCH.

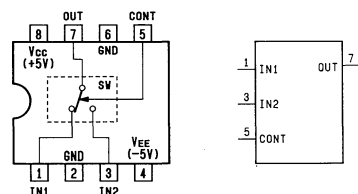


CX20188 (SONY)

DOLBY B TYPE AND C TYPE, NOISE REDUCTION SYSTEM
- TOP VIEW -

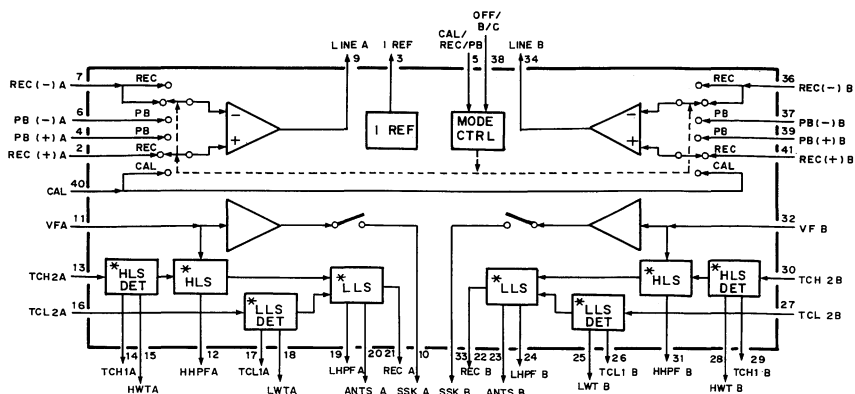
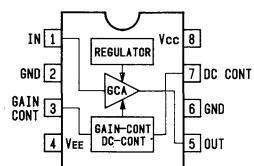
*1 : ONE POWER → Vcc/2. TWO POWER → GND
 *2 : ONE POWER → GND. TWO POWER → VEE
 *3 : Vcc - VEE : +8 to +21V

CXA1450M (SONY) FLAT PACKAGE

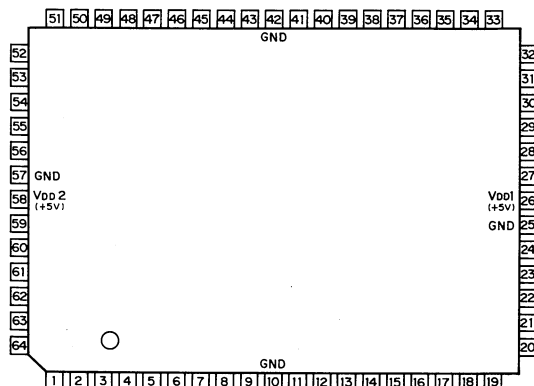
VIDEO SIGNAL SWITCH
- TOP VIEW -

ANTS : ANTI SATURATION
 CAL : CALIBRATION
 CAL/REC/PB : CALIBRATION/REC/ PB SELECT
 HHPF : HLS HIGH PASS FILTER
 HWT : HLS WAITING
 I REF : REFERENCE SOURCE CURRENT
 LHPF : LLS HIGH PASS FILTER
 LWT : LLS WAITING
 OFF/B/C : DOLBY NR OFF/B -TYPE/C-TYPE SELECT
 SSK : SPECTRAL SKEWING SWITCH
 TCH : HLS DETECTOR TIME CONSTANT
 TCL : LLS DETECTOR TIME CONSTANT
 VF : ENCODE INPUT
 *HLS : HIGH LEVEL STAGE
 *LLS : LOW LEVEL STAGE

CXA1521M (SONY)

GAIN CONTROL AMP
- TOP VIEW -

CXD1095Q (SONY) FLAT PACKAGE
C-MOS I/O PORT EXPANDER
- TOP VIEW -



PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL
1			NC	17	O	O	PC6	33			NC	49	O	O	PX0
2			NC	18	O	O	PC7	34			NC	50	O	O	PX1
3	O	O	PB1	19			NC	35	O	O	D3	51			NC
4	O	O	PB2	20	O	O	PDO	36	O	O	D4	52	O	O	PX2
5	O	O	PB3	21	O	O	PD1	37	O	O	D5	53	O	O	PX3
6	O	O	PB4	22	O	O	PD2	38	O	O	D6	54	O	O	PA0
7	O	O	PB5	23	O	O	PD3	39	O	O	D7	55	O	O	PA1
8	O	O	PB6	24	O	O	PD4	40	O		CLR	56	O	O	PA2
9	O	O	PB7	25			GND	41	O		RST	57			GND
10			GND	26	O		VDD(+5V)	42			GND	58	O		VDD(+5V)
11	O	O	PC0	27	O	O	PD5	43	O		WR	59	O	O	PA3
12	O	O	PC1	28	O	O	PD6	44	O		RD	60	O	O	PA4
13	O	O	PC2	29	O	O	PD7	45	O		CS	61	O	O	PA5
14	O	O	PC3	30	O	O	D0	46	O		A0	62	O	O	PA6
15	O	O	PC4	31	O	O	D1	47	O		A1	63	O	O	PA7
16	O	O	PC5	32	O	O	D2	48	O		A2	64	O	O	PB0

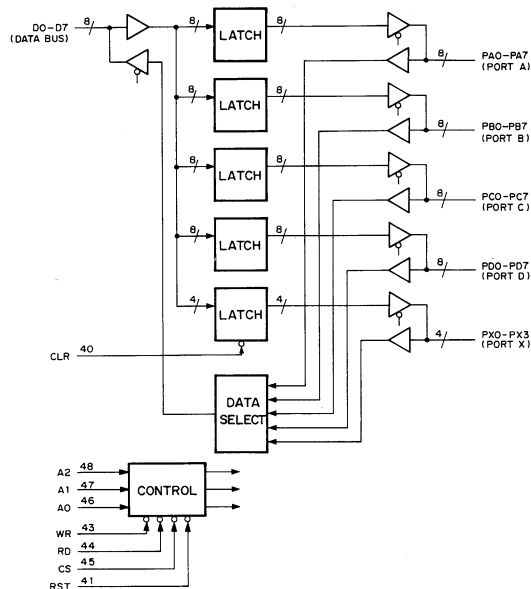
PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL	PIN NO.	IN	OUT	SYMBOL
1			NC	17	O	O	PC6	33			NC	49	O	O	PX0
2			NC	18	O	O	PC7	34			NC	50	O	O	PX1
3	O	O	PB1	19			NC	35	O	O	D3	51			NC
4	O	O	PB2	20	O	O	PDO	36	O	O	D4	52	O	O	PX2
5	O	O	PB3	21	O	O	PD1	37	O	O	D5	53	O	O	PX3
6	O	O	PB4	22	O	O	PD2	38	O	O	D6	54	O	O	PA0
7	O	O	PB5	23	O	O	PD3	39	O	O	D7	55	O	O	PA1
8	O	O	PB6	24	O	O	PD4	40	O		CLR	56	O	O	PA2
9	O	O	PB7	25			GND	41	O		RST	57			GND
10			GND	26	O		VDD(+5V)	42			GND	58	O		VDD(+5V)
11	O	O	PC0	27	O	O	PD5	43	O		WR	59	O	O	PA3
12	O	O	PC1	28	O	O	PD6	44	O		RD	60	O	O	PA4
13	O	O	PC2	29	O	O	PD7	45	O		CS	61	O	O	PA5
14	O	O	PC3	30	O	O	D0	46	O		A0	62	O	O	PA6
15	O	O	PC4	31	O	O	D1	47	O		A1	63	O	O	PA7
16	O	O	PC5	32	O	O	D2	48	O		A2	64	O	O	PB0

CS	RD	WR	A2	A1	A0	MODE
0	0	1	0	0	0	PORT A → DATA BUS
0	0	1	0	0	1	PORT B → DATA BUS
0	0	1	0	1	0	PORT C → DATA BUS
0	0	1	0	1	1	PORT D → DATA BUS
0	0	1	1	0	0	PORT X → DATA BUS
0	0	1	1	0	1	---
0	0	1	1	1	0	---
0	0	1	1	1	1	---
0	0	1	1	1	1	---
0	1	0	0	0	0	DATA BUS → PORT A
0	1	0	0	0	1	DATA BUS → PORT B
0	1	0	0	1	0	DATA BUS → PORT C
0	1	0	0	1	1	DATA BUS → PORT D
0	1	0	1	0	0	DATA BUS → PORT X
0	1	0	1	0	1	---
0	1	0	1	1	0	DATA BUS → CTL REG.1
0	1	0	1	1	1	DATA BUS → CTL REG.2
1	X	X	X	X	X	DATA BUS ; HI-Z

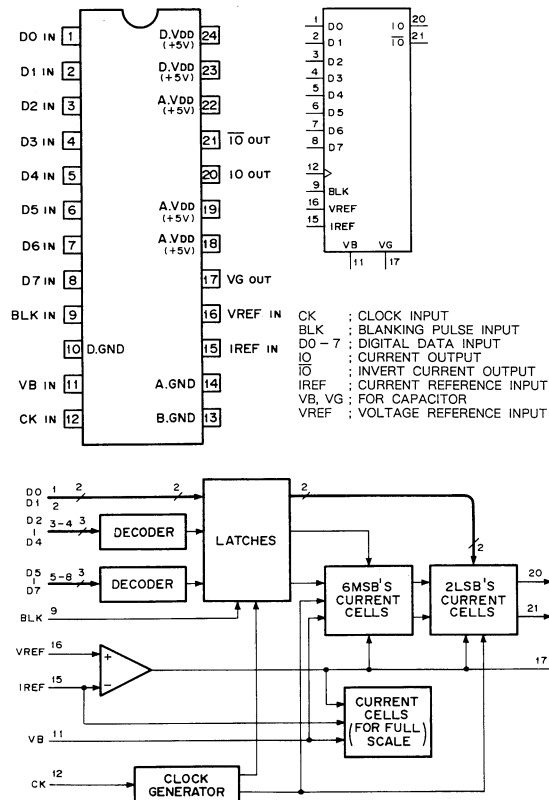
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

DO-D7; DATA BUS INPUTS/OUTPUTS
CS; CHIP SELECT INPUT
RD; READ STROBE INPUT
WR; WRITE STROBE INPUT
AO-A2; ADDRESS INPUT
RST; RESET INPUT
CLR; CLEAR INPUT

PA0-PA7; PORT A INPUTS/OUTPUTS
PB0-PB7; PORT B INPUTS/OUTPUTS
PC0-PC7; PORT C INPUTS/OUTPUTS
PD0-PD7; PORT D INPUTS/OUTPUTS
PX0-PX3; PORT X INPUTS/OUTPUTS



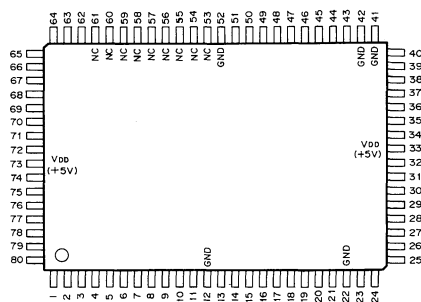
CXD1171M (SONY) FLAT PACKAGE
C-MOS 8-BIT D/A CONVERTER
- TOP VIEW -



CXD1151Q (SONY)

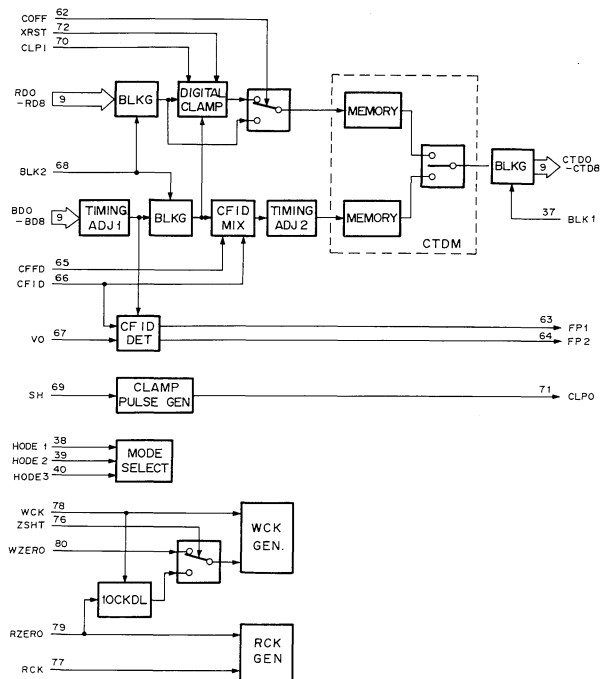
C-MOS VIDEO SIGNAL PROCESSOR FOR BETACAM





- TOP VIEW -



PIN ASSIGNMENT

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RDO	21	I	BD8	41		NC	61		NC
2	I	RD1	22	—	Vss (GND)	42	—	Vss (GND)	62	I	COFF
3	I	RD2	23	O	TM0	43	O	CTD0	63	I	FP1
4	I	RD3	24	O	TM1	44	O	CTD1	64	I	FP2
5	I	RD4	25	O	TM2	45	O	CTD2	65	I	CFFD
6	I	RD5	26	O	TM3	46	O	CTD3	66	I	CFID
7	I	RD6	27	O	TM4	47	O	CTD4	67	I	VO
8	I	RD7	28	O	TM5	48	O	CTD5	68	I	BLK2
9	I	RD8	29	O	TM6	49	O	CTD6	69	I	SH
10	I	TSL2	30	O	TM7	50	O	CTD7	70	I	CLP1
11	I	TSL3	31	O	TM8	51	O	CTD8	71	O	CLPO
12	—	Vss (GND)	32	O	TM9	52	—	Vss (GND)	72	I	XRST
13	I	BD0	33	I	Vpp (+5V)	53		NC	73	I	Vpp (+5V)
14	I	BD1	34	I	TM0D	54		NC	74	I	TST1
15	I	BD2	35	I	TMEN	55		NC	75	I	TST2
16	I	BD3	36	I	TSL1	56		NC	76	I	ZSHT
17	I	BD4	37	I	BLK1	57		NC	77	I	RCK
18	I	BD5	38	I	MODE1	58		NC	78	I	WCK
19	I	BD6	39	I	MODE2	59		NC	79	I	RZERO
20	I	BD7	40	I	MODE3	60		NC	80	I	WZERO



1	RD0	CTD0	43	RDO-RD8	: R-Y DATA INPUTS
2	RD1	CTD1	44	BDO-B0F8	: B-Y DATA INPUTS
3	RD2	CTD2	45	COFF	: DIGITAL CLAMP CIRCUIT CONTROL INPUT
4	RD3	CTD3	46	XRST	: DIGITAL CLAMP CIRCUIT RESET PULSE INPUT
5	RD4	CTD4	47	CLPI	: CLAMP PULSE INPUT FOR DIGITAL CLAMP
6	RD5	CTD5	48	CFID	: FIELD SIGNAL INPUT FOR COLOR FRAMING ID MIX
7	RD6	CTD6	49	CFID	: PULSE INPUT FOR COLOR FRAMING ID MIX
8	RD7	CTD7	50	VO	: COLOR FRAMING DETECT CIRCUIT RESET PULSE INPUT
9	RD8	CTD8	51	SH	: TRIGGER INPUT FOR CLPO OUTPUT
10			52	BLK1, BLK2	: BLKG PULSE INPUTS
11			53	TSL1	: MEMORY SELECT INPUT IN TEST MODE
12			54	TSL2, TSL3	: TEST INPUTS
13	BDO	FP1	55	TMO0	: TEST MODE CONTROL INPUT
14	BD1	FP2	56	TMEN	: MEMORY ADD CONTROL INPUT IN TEST MODE
15	BD2	CLPO	57	TST1, TST2	: DIGITAL CLAMP CIRCUIT TEST CONTROL INPUTS
16	BD3		58	WCK	: WRITE CLOCK INPUT 
17	BD4	TMO	59	RCK	: READ CLOCK INPUT 
18	BD5	TM1	60	WZRO	: WRITE ZERO INPUT 
19	BD6	TM2	61	RZRO	: READ ZERO INPUT 
20	BD7	TM3	62	ZSH	: INTERNAL/EXTERNAL WZRO SELECT INPUT
21	BD8	TM4	63	CTD0-CTD8	: CTDm DATA OUTPUTS
22		TM5	64	FP1, FP2	: COLOR FRAMING DETECT PULSE OUTPUTS
23	COFF	TM6	65	CLPO	: CLAMP PULSE OUTPUT
24	XRST	TM7	66	TMO-TM9	: DIGITAL CLAMP CIRCUIT TEST SIGNAL OUTPUTS
25	CLPI	TM8	67		MODE1-MODE3: MODE SELECT INPUTS
26	CFID	TM9	68		

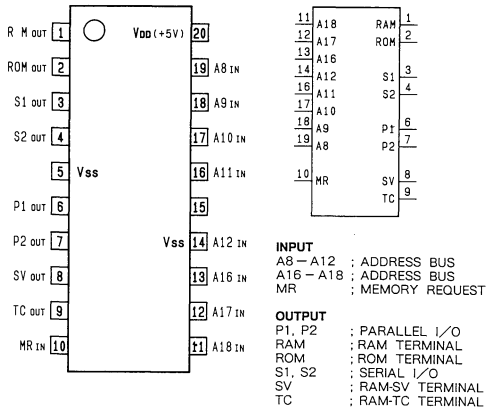
MODE1	1				1			
MODE2	1		0		1		0	
MODE3	1	0	1	0	1	0	1	0
nfh	910fh	858fh	909fh	X	908fh	864fh	1135fh	TCLR

0: LOW LEVEL 1: HIGH LEVEL

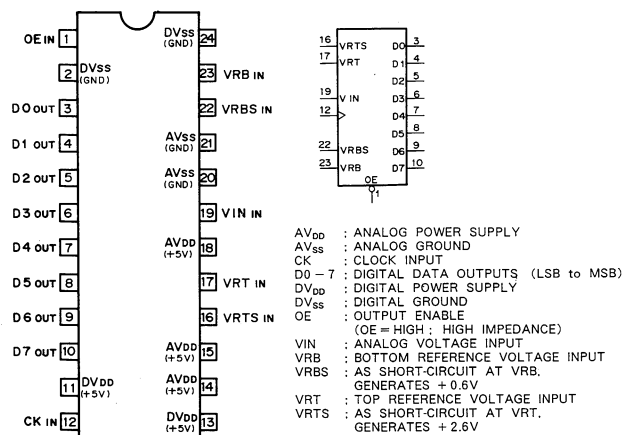
CXD8310M (SONY)

C-MOS GATE ARRAY

- TOP VIEW -

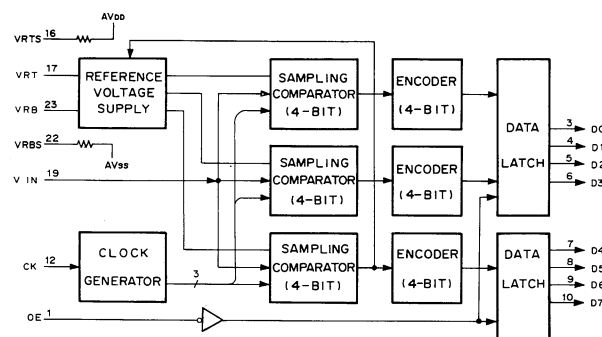


CXD1175AM (SONY) FLAT PACKAGE
C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
- TOP VIEW -

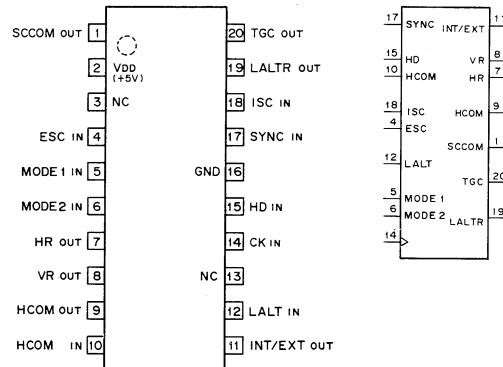


STEP	INPUT SIGNAL VOLTAGE	DATA OUTPUTS							
		D7	D6	D5	D4	D3	D2	D1	D0
0	0V (VRT)	1	1	1	1	1	1	1	1
1	0.01V	1	1	1	1	1	1	1	0
...
127	1.34V	1	0	0	0	0	0	0	0
128	1.35V	0	1	1	1	1	1	1	1
...
255	2.7V (VRB)	0	0	0	0	0	0	0	0

0 : LOW LEVEL
1 : HIGH LEVEL

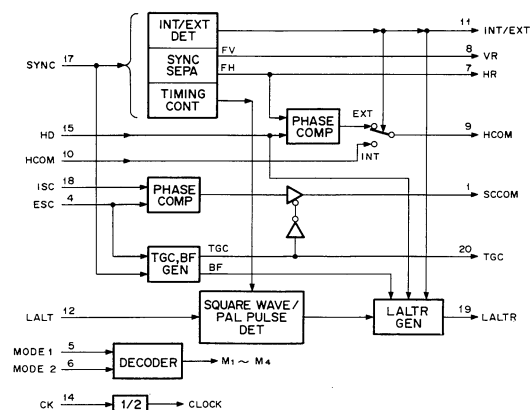


CXD1216M (SONY) FLAT PACKAGE
C-MOS GENLOCK DRIVER
- TOP VIEW -



INPUT		MODE	SYSTEM
MODE1	MODE2		
0	0	M1	PAL-VBS
1	0	M2	PALM-VBS
0	1	M3	PAL, SECAM-VS/SC/LALT
1	1	M4	NTSC-VBS, NTSC-VS/SC PALM-VS/SC/LALT

0 : LOW LEVEL
1 : HIGH LEVEL



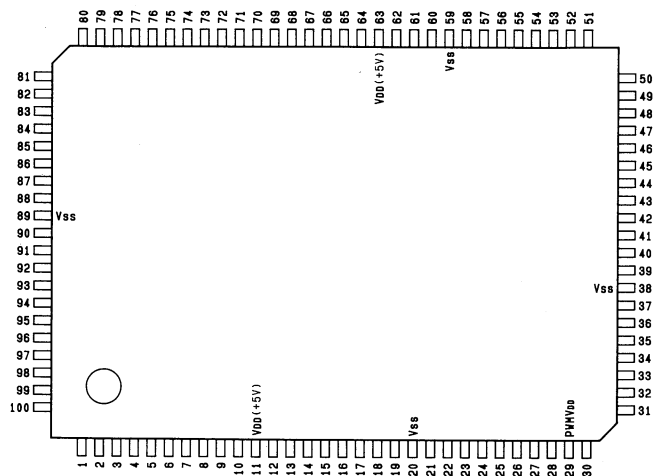
INPUT
 CK : 4fsc CLOCK INPUT
 ESC : SC/COLOR BURST
 HCOM : PHASE COMPARE FROM CXD1217
 HD : H DRIVE FROM CXD1217
 ISC : SUBCARRIER FROM CXD1217
 LALT : LALT FROM REFERENCE SIGNAL GENERATOR
 MODE1,2 : SYSTEM SELECT
 SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

OUTPUT
 HCOM : PHASE COMPARETOR HR WITH HD
 HR : fh OF SYNC SEPARATE
 INT/EXT : INTERNAL/EXTERNAL SPECIFIED
 LALTR : LINE CHANGE RESET
 SCCOM : PHASE COMPARETOR ESC WITH ISC
 TGC : TRISTATE CONTROL
 VR : fv OF SYNC SEPARATE

CXD2202Q (SONY)

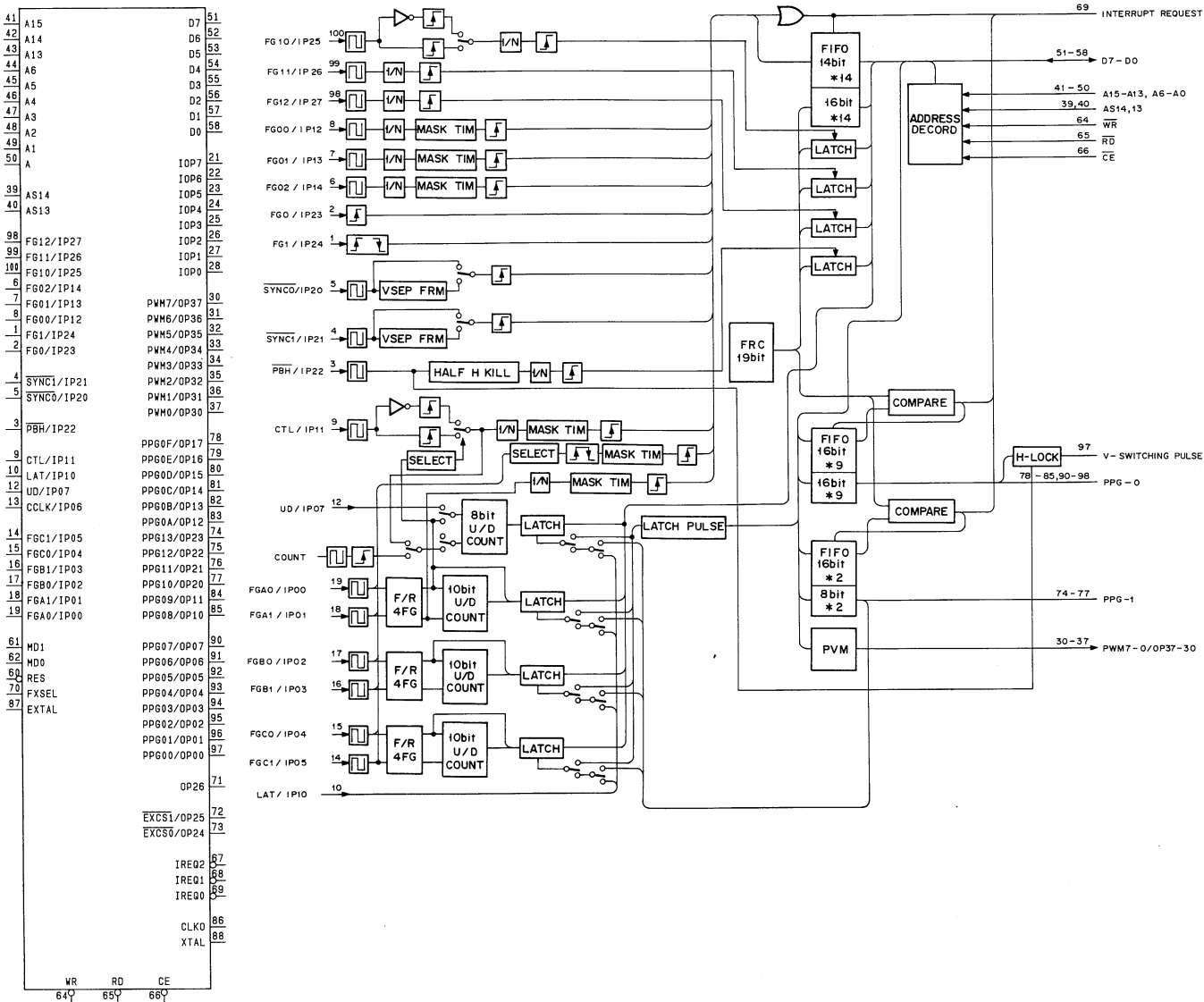
SERVO IC

- TOP VIEW -



(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	FG12/IP24	26	I/O	IOP2	51	I/O	D7	76	O	PPG11/OP21
2	I	FG01/IP23	27	I/O	IOP1	52	I/O	D6	77	O	PPG10/OP20
3	I	PBH/IP22	28	I/O	IOP0	53	I/O	D5	78	O	PPG0F/OP17
4	I	SYNCT/IP21	29	-	PWM VDD	54	I/O	D4	79	O	PPG0E/OP16
5	I	SYNCO/IP20	30	O	PWM7/OP37	55	I/O	D3	80	O	PPG0D/OP15
6	I	FG02/IP14	31	O	PWM6/OP36	56	I/O	D2	81	O	PPG0C/OP14
7	I	FG01/IP13	32	O	PWM5/OP35	57	I/O	D1	82	O	PPG0B/OP13
8	I	FG00/IP12	33	O	PWM4/OP34	58	I/O	D0	83	O	PPG0A/OP12
9	I	CTL/IP11	34	O	PWM3/OP33	59	-	VSS	84	O	PPG09/OP11
10	I	LAT/IP10	35	O	PWM2/OP32	60	I	RES	85	O	PPG08/OP10
11	-	VDD	36	O	PWM1/OP31	61	I	MD1	86	O	CLKO
12	I	UD/IP07	37	O	PWM0/OP30	62	I	MD0	87	I	EXTAL
13	I	CCLK/IP06	38	-	VSS	63	-	VDD	88	O	XTAL
14	I	FGC1/IP05	39	I	AS14	64	I	WR	89	-	VSS
15	I	FGC0/IP04	40	I	AS13	65	I	RD	90	O	PPG07/OP07
16	I	FBG1/IP03	41	I	A15	66	I	CE	91	O	PPG06/OP06
17	I	FBG0/IP02	42	I	A14	67	O	IREQ2	92	O	PPG05/OP05
18	I	FGA1/IP01	43	I	A13	68	O	IREQ1	93	O	PPG04/OP04
19	I	FGA0/IP00	44	I	A6	69	O	IREQ0	94	O	PPG03/OP03
20	-	VSS	45	I	A5	70	I	FXSEL	95	O	PPG02/OP02
21	I/O	IOP7	46	I	A4	71	O	OP26	96	O	PPG01/OP01
22	I/O	IOP6	47	I	A3	72	O	EXCS1/OP25	97	O	PPG00/OP00
23	I/O	IOP5	48	I	A2	73	O	EXCS0/OP24	98	I	FG12/IP27
24	I/O	IOP4	49	I	A1	74	O	PPG13/OP23	99	I	FG11/IP26
25	I/O	IOP3	50	I	A0	75	O	PPG12/OP22	100	I	FG10/IP25



CXD2207Q (SONY)

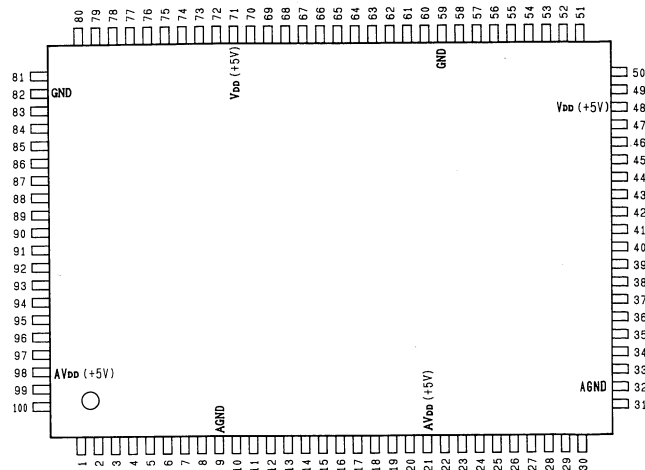
C-MOS TBC WRITE CLOCK GENERATOR FOR BETACAM

- TOP VIEW -

INPUT
A0 - A15 : ADDRESS BUS
AS13, AS14 : SELECTING CONDITION OF ADDRESS DECODER
AS13 AND AS14 BITS
CCLK : 8-BIT COUNTER CLOCK INPUT
CE : CHIP ENABLE
CTL : RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.
WITH FREQUENCY DIVISION MASK TIMER
EXTAL : CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT
FG0 : RESOLUTION 2.5MHz
FG00 - FG02 : FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.
WITH FREQUENCY DIVISION MASK TIMER
FG1 : RESOLUTION 2.5MHz BOTH EDGES
FG10 : EDGE SELECTION ENABLE RESOLUTION 10MHz
FG11, 12 : FREQUENCY DIVISION ENABLE RESOLUTION 10MHz
FGA0 : PERFORMS FORWARD/REVERSE ROTATION
DETECTION AND 4FG COUNT (UP/DOWN) BY FGA0
AND FGA1. 10 BITS. UP/DOWN IS MADE BY
CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.
FGA1 : 4FG PERFORMS FREQUENCY DIVISION AND FRC
CAPTURE THROUGH MASK TIMER.
* 1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND
DETECTS BOTH EDGES AND PERFORM THE FRC
CAPTURE THROUGH THE MASK TIMER.
FGB0 : PERFORMS FORWARD/REVERSE ROTATION
DETECTION AND 4FG COUNT BY FGB0 AND FGB1.
FGB1 : * 1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND
DETECTS BOTH EDGES AND PERFORM THE FRC
CAPTURE THROUGH THE MASK TIMER.
FGC0 : PERFORMS FORWARD/REVERSE ROTATION
DETECTION AND 4FG COUNT BY FGC0 AND FGC1.
FGC1 : * 1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND
DETECTS BOTH EDGES AND PERFORM THE FRC
CAPTURE THROUGH THE MASK TIMER.
FXSEL : FREQUENCY DIVISION SELECTION OF CLOCK INPUT
LAT : EXTERNAL LATCH TIMING OF UP/DOWN COUNTER
MD0, 1 : TEST MODE DESIGNATION
PBH : INPUT OF COMPOSITE SYNC OR H. SYNC.
RESOLUTION 10MHz. WITH HALF H KILLER.
RD : REDE
RES : RESET
SYNC0, 1 : INPUT OF COMPOSITE SYNC OR V SYNC.
RESOLUTION 2.5MHz.
UD : 8-BIT COUNTER UP/DOWN INPUT
WR : WRITE

XOUTPUT
CLKO : CLOCK OUTPUT
EXCS0, 1 : DECODE AT ADDRESS A3 LEVEL
IREQ0 : INTERRUPTION SIGNAL OF FRC CAPTURE UNIT
IREQ1 : COINCIDENCE INTERRUPTION OF PPG0
IREQ2 : COINCIDENCE INTERRUPTION OF PPG1
OP26 : EXCLUSIVELY OUTPUT PORT
PPG00 - PPG0F : PROGRAMMABLE PULSE GENERATOR
PPG10 - PPG13 : RESOLUTION 1.25MHz PPG00. WITH H LOCK
PWM0 - PWM5 : PWM OUTPUT NORMALLY PWM. OR PWM0 AND
PWM1, PWM2 AND PWM3, OR PWM4 AND PWM5
OUTPUT SIGNAL CORRESPONDED TO PUSH-PULL.
PWM6, 7 : PWM OUTPUT
XTAL : CRYSTAL OSCILLATION

INPUT/OUTPUT
D0 - D7 : DATA BUS
IOP0 - IOP7 : SELECTS AND USES INPUT AND OUTPUT BY
EVERY 1 BIT.



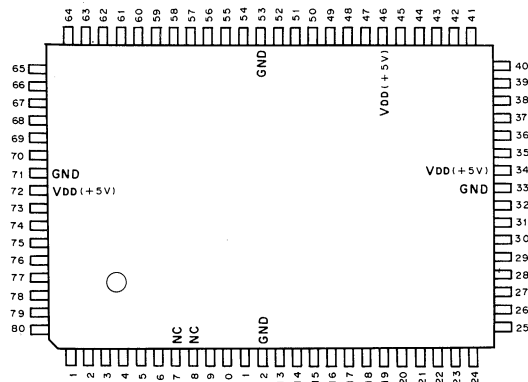
(VDD = AVDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	SYNC	26	I	FOPO	51	I	PBE	76	I	SVLK
2	I	BLK	27	I	SHOT	52	I	NOS	77	I	SVD
3	I	VIN4	28	I	BCPI	53	I	SPD	78	I	OFF
4	I	REF3	29	O	BCPO	54	I	R20	79	O	IOCK
5	I	VIN3	30	I	EOPX	55	I	FBID	80	O	CS
6	O	VOT3	31	O	EOPO	56	I	DO	81	I/O	MO0
7	I	AI3	32	-	AGND	57	I	GBD	82	-	GND
8	I	ACPI	33	I	AI2	58	I	GAT	83	I/O	MO1
9	-	AGND	34	I	DOPI	59	-	GND	84	I/O	MO2
10	I	ACPX	35	I	DOPX	60	I	GH	85	I/O	MO3
11	O	ACPO	36	O	DOPO	61	O	WCP	86	I/O	MO4
12	I	SMPL	37	I	VCOI	62	O	ACP	87	I/O	MO5
13	I	CHIN	38	I	VCEN	63	O	TOUT	88	I/O	MO6
14	I	BOPX	39	I	MD1	64	O	AZ2	89	I/O	MO7
15	I	BOPO	40	I	MD2	65	O	AZ1	90	I	AMD
16	I	SHC1	41	I	INT	66	O	WZ	91	I	VIN2
17	I	SHC2	42	I	YC	67	I	CKN	92	I	REF1
18	I	SH2I	43	I	TMOD	68	O	GCK	93	I	REF2
19	O	ER1	44	I	TCK	69	O	ACK	94	I	VIN1
20	O	ER2	45	I	TDAT	70	O	XCK	95	I	AOP1
21	-	AVDD	46	I	BTS	71	-	VDD	96	I	AOPX
22	I	COPI	47	I	REST	72	O	CH	97	O	AOP0
23	I	COPX	48	-	VDD	73	O	SSH	98	-	AVDD
24	O	COPO	49	I	DDF	74	O	DCP	99	I	AI1
25	I	FOPX	50	O	SHO	75	I	ERR	100	I	CCPI

CXD8176AQ (NEC)

C-MOS DUAL PORT RAM CONTROLLER

- TOP VIEW -

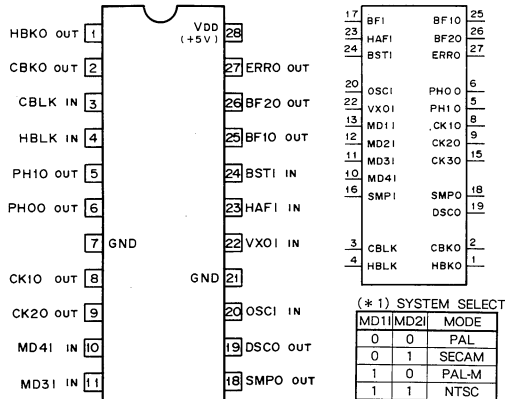


(V _{DD} = + 5 V)											
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	DOL	21	I/O	D7R	41	I/O	D6M	61	I	A10L
2	I	WRL	22	I/O	D6R	42	I/O	D5M	62	I	A9L
3	I	RDL	23	I/O	D5R	43	I/O	D4M	63	I	A8L
4	O	WAITL	24	I/O	D4R	44	I/O	D3M	64	I	A7L
5	I	CSL	25	I/O	D3R	45	I/O	D2M	65	I	A6L
6	I	CKL	26	I/O	D2R	46	—	V _{DD}	66	I	A5L
7	—	NC	27	I/O	D1R	47	I/O	D1M	67	I	A4L
8	—	NC	28	I/O	D0R	48	I/O	D0M	68	I	A3L
9	I	A10R	29	I	WRR	49	O	A0M	69	I	A2L
10	I	A9R	30	I	RDR	50	O	A1M	70	I	A1L
11	I	A8R	31	O	WAITR	51	O	A2M	71	—	GND
12	—	GND	32	I	CSR	52	O	A3M	72	—	V _{DD}
13	I	A7R	33	—	GND	53	—	GND	73	I	A0L
14	I	A6R	34	—	V _{DD}	54	O	A4M	74	I/O	D7L
15	I	A5R	35	I	CKR	55	O	A5M	75	I/O	D6L
16	I	A4R	36	I	CKT	56	O	A6M	76	I/O	D5L
17	I	A3R	37	O	WEM	57	O	A7M	77	I/O	D4L
18	I	A2R	38	O	OEM	58	O	A8M	78	I/O	D3L
19	I	A1R	39	O	CEM	59	O	A9M	79	I/O	D2L
20	I	A0R	40	I/O	D7M	60	O	A10M	80	I/O	D1L

CXD8243AM (SONY) FLAT PACKAGE

C-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR

— TOP VIEW —



(*1) SYSTEM SELECT

MD1	MD2	MODE
0	0	PAL
0	1	SECAM
1	0	PAL-M
1	1	NTSC

(* 2) SIGNAL FORMAT SELECT

MD3	MD4	MODE
0	0	COMPONENT
0	1	CTDM
1	0	COMPOSITE
1	1	S-VIDEO

0 : LOW LEVEL
1 : HIGH LEVEL

INPUT

```

BFI      : BURST FLAG
BSTI     : BURST FOR PHASE COMPARISON
CBLK     : CHROMA BLANKING PULSE
HAFI     : TRIGGER PULSE FOR BURST SAMPLING
HBLK     : H BLANKING PULSE
MD1, 2I  : SYSTEM SELECT (* 1)
MD3, 4I  : SIGNAL FORMAT SELECT (* 2)
OSCI     : H LOCK LOOP VCO
SMPI     : TRAPEZOID SAMPLING PULSE OF
          THE H LOCK LOOP
VXOI     : BURST LOCK LOOP VCXO

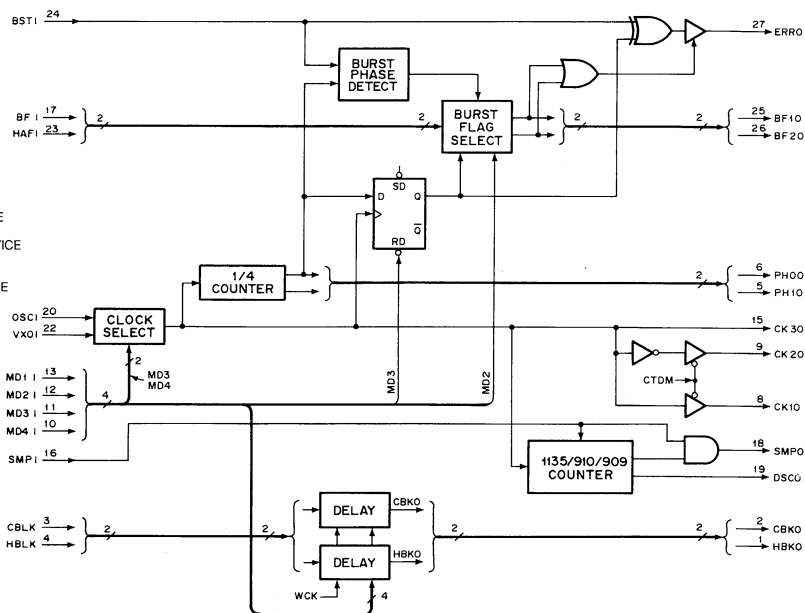
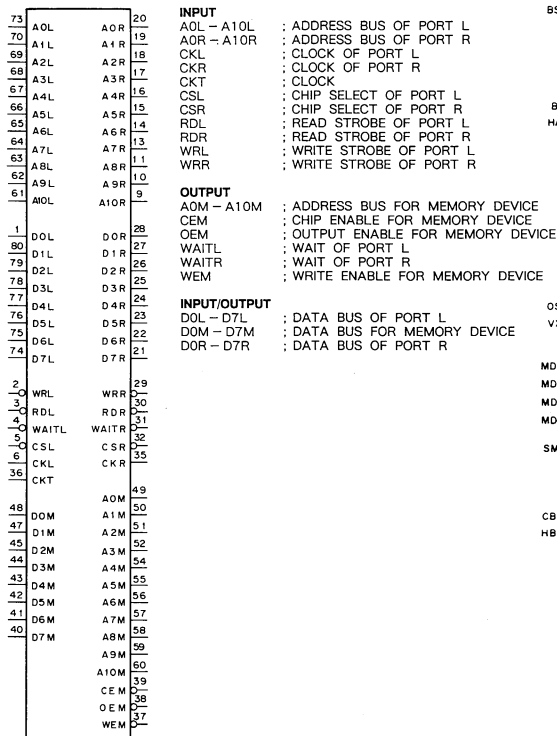
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OUTPUT

```

BF1, 20 : BURST FLAG
CBKO : CHROMA BLANKING PULSE
CK1 - 30 : CLOCK, SELECTED BY MODE
DSCO : TRAPEZOID GENERATOR
        DISCHARGE PULSE
ERRO : BURST PHASE COMPARISON
        ERROR
HBKO : H BLANKING PULSE
PH00 : 2FSC
PH10 : FSC
SMPO : TRAPEZOID SAMPLING PULSE
        OF THE H LOCK LOOP

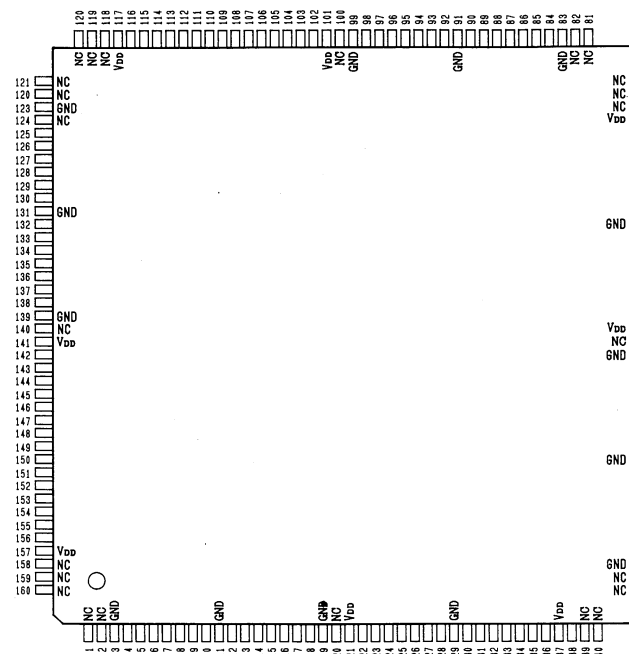
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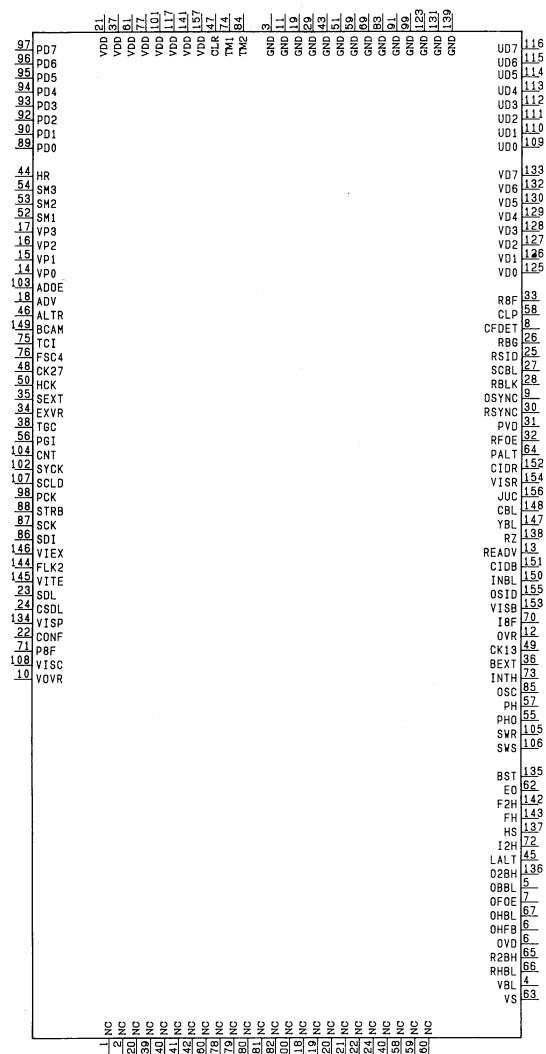
CXD8165Q (SONY) FLAT PACKAGE

C-MOS REFERENCE SYNC GENERATOR

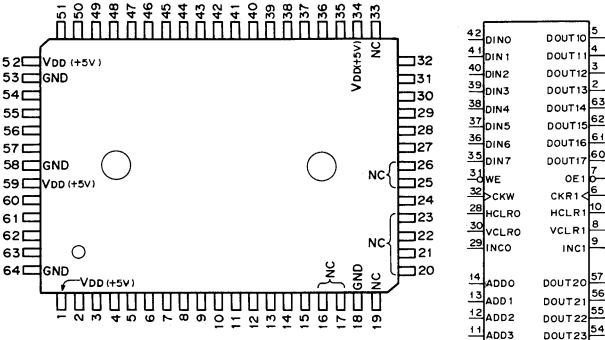
- TOP VIEW -



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	-	NC	41	-	NC	81	-	NC	121	-	NC
2	-	NC	42	-	NC	82	-	NC	122	-	NC
3	-	GND	43	-	GND	83	-	GND	123	-	GND
4	I/O	VBL	44	I	HR	84	I	TM2	124	-	NC
5	I/O	OBBL	45	I/O	LALT	85	O	OSC	125	O	VD0
6	I/O	OVD	46	I	ALTR	86	I	SD1	126	O	VD1
7	I/O	OFOE	47	I	CLR	87	I	SCK	127	O	VD2
8	O	CFDET	48	I	CK27	88	I	STRB	128	O	VD3
9	O	OSYNC	49	O	CK13	89	I/O	PD0	129	O	VD4
10	I	VOVR	50	I	HCK	90	I/O	PD1	130	O	VD5
11	-	GND	51	-	GND	91	-	GND	131	-	GND
12	O	OVR	52	I	SM1	92	I/O	PD2	132	O	VD6
13	O	READV	53	I	SM2	93	I/O	PD3	133	O	VD7
14	I	VP0	54	I	SM3	94	I/O	PD4	134	I	VISP
15	I	VP1	55	O	PHO	95	I/O	PD5	135	I/O	BST
16	I	VP2	56	I	PHI	96	I/O	PD6	136	I/O	O2BH
17	I	VP3	57	O	PH	97	I/O	PD7	137	I/O	HS
18	I	ADV	58	O	CLP	98	I	PCK	138	O	RZ
19	-	GND	59	-	GND	99	-	GND	139	-	GND
20	-	NC	60	-	NC	100	-	NC	140	-	NC
21	-	VDD	61	-	NC	101	-	VDD	141	-	VDD
22	I	CONF	62	I/O	EQ	102	I	SYCK	142	I/O	F2H
23	I	SDL	63	I/O	VS	103	I	ADOE	143	I/O	FH
24	I	CSDL	64	O	PALT	104	I	CNT	144	I	FLK2
25	O	RSID	65	I/O	R2BH	105	O	SWR	145	I	VITE
26	O	RBG	66	I/O	RHBL	106	O	SWS	146	I	VIEX
27	O	SCBL	67	I/O	OHBL	107	I	SCLD	147	O	YBL
28	O	RBLK	68	I/O	OHFB	108	I	VISC	148	O	CBL
29	-	GND	69	-	GND	109	O	UD0	149	I	BCAM
30	O	RSYNC	70	O	I8F	110	O	UD1	150	O	ENBL
31	O	RVD	71	I	P8F	111	O	UD2	151	O	CID8
32	O	REOE	72	I/O	I2H	112	O	UD3	152	O	CIDR
33	O	R8F	73	O	INTH	113	O	UD4	153	O	VISB
34	I	EXVR	74	I	TM1	114	O	UD5	154	O	VISR
35	I	SEXT	75	I	TCI	115	O	UD6	155	O	OSID
36	O	BEXT	76	I	FSC4	116	O	UD7	156	O	JUC
37	-	VDD	77	-	VDD	117	-	VDD	157	-	VDD
38	I	TGC	78	-	NC	118	-	NC	158	-	NC
39	-	NC	79	-	NC	119	-	NC	159	-	NC
40	-	NC	80	-	NC	120	-	NC	160	-	NC



CXK48324Q (SONY)
C-MOS 2.4M (960x306x8) BITS 3 PORTS VIDEO FIELD MEMORY
- TOP VIEW -

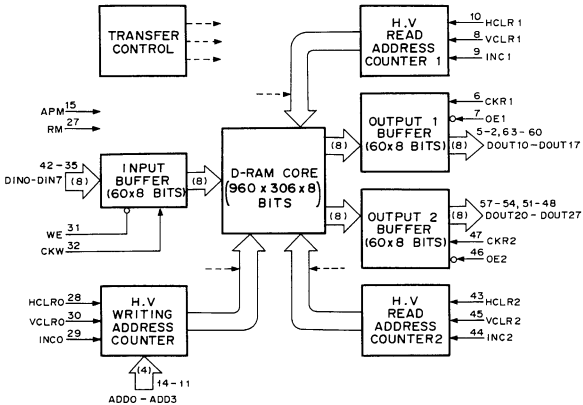


(V_{DD} = +5 V)

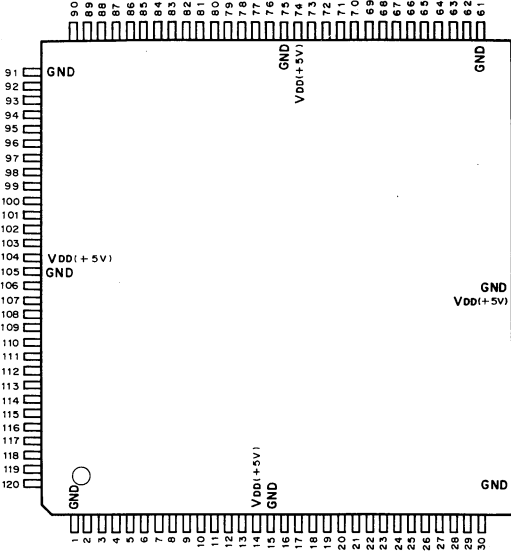
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	-	V _{DD}	23	-	NC	45	I	VCLR2
2	O	DO13	24	I	TE	46	I	OE2
3	O	DO12	25	-	NC	47	I	CKR2
4	O	DO11	26	-	NC	48	O	DO27
5	O	DO10	27	I	RM	49	O	DO26
6	I	CKR1	28	I	HCLR0	50	O	DO25
7	I	OE1	29	I	INCO	51	O	DO24
8	I	VCLR1	30	I	VCLR0	52	-	V _{DD}
9	I	INC1	31	I	WE	53	-	GND
10	I	HCLR1	32	I	CKW	54	O	DO23
11	I	ADD3	33	-	NC	55	O	DO22
12	I	ADD2	34	-	V _{DD}	56	O	DO21
13	I	ADD1	35	I	DIN7	57	O	DO20
14	I	ADD0	36	I	DIN6	58	-	GND
15	I	APM	37	I	DIN5	59	-	V _{DD}
16	-	NC	38	I	DIN4	60	O	DO17
17	-	NC	39	I	DIN3	61	O	DO16
18	-	GND	40	I	DIN2	62	O	DO15
19	-	NC	41	I	DIN1	63	O	DO14
20	-	NC	42	I	DIN0	64	-	GND
21	-	NC	43	I	HCLR2			
22	-	NC	44	I	INC2			

INPUT
ADD0 - ADD3 : ADDRESS INPUT
APM : ADDRESS PRESET MODE ENABLE
CKR1, CKR2 : PORT 1 OR 2 SHIFT SIGNAL INPUT
CKW : PORT 0 SHIFT SIGNAL INPUT
DIN0 - DIN7 : PORT 0 DATA INPUT
HCLR0 - HCLR2 : PORT 0 - 2 HORIZONTAL CLEAR
INCO - INC2 : PORT 0 - 2 LINE INCREMENT
RM : RECURSIVE MODE ENABLE
TE : TEST MODE ENABLE
VCLR0 - VCLR2 : PORT 0 - 2 VERTICAL CLEAR
OE1, OE2 : PORT 1 OR 2 OUTPUT ENABLE
WE : PORT 0 WRITE ENABLE

OUTPUT
DO10 - DO17 : PORT 1 DATA OUTPUT
DO20 - DO27 : PORT 2 DATA OUTPUT

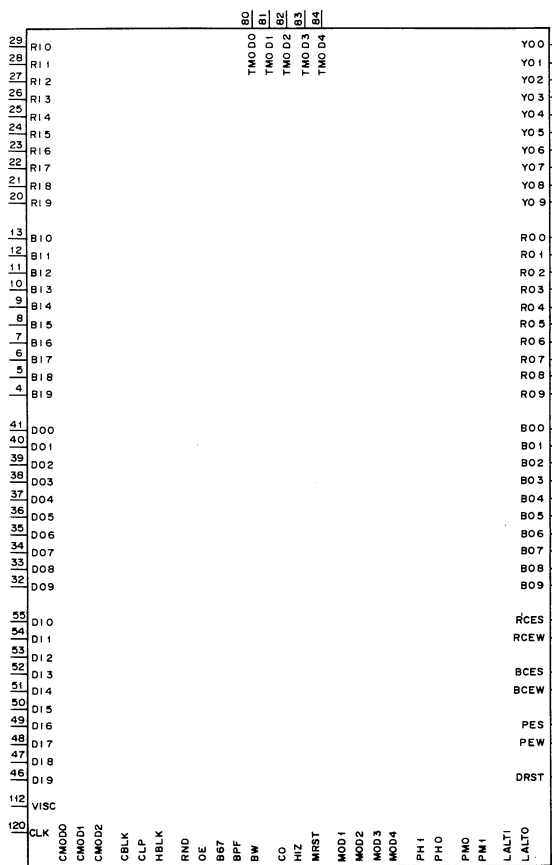


CXD8161AQ (SONY) FLAT PACKAGE
C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER
- TOP VIEW -



(V_{DD} = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	-	GND	31	-	GND	61	-	GND	91	-	GND
2	O	PEW	32	I	DO9	62	O	YO2	92	O	BO1
3	O	PES	33	I	DO8	63	O	YO3	93	O	BO0
4	I	BI9	34	I	DO7	64	O	YO4	94	O	RO9
5	I	BI8	35	I	DO6	65	O	YO5	95	O	RO8
6	I	BI7	36	I	DO5	66	I	OE	96	I	HOD1
7	I	BI6	37	I	DO4	67	I	RND	97	I	HOD2
8	I	BI5	38	I	DO3	68	I	B67	98	I	HOD3
9	I	BI4	39	I	DO2	69	I	CO	99	I	HOD4
10	I	BI3	40	I	DO1	70	O	YO6	100	O	RO7
11	I	BI2	41	I	DO0	71	O	YO7	101	O	RO6
12	I	BI1	42	I	MRST	72	O	YO8	102	O	RO5
13	I	BI0	43	O	DRST	73	O	YO9	103	O	RO4
14	-	V _{DD}	44	-	V _{DD}	74	-	V _{DD}	104	-	V _{DD}
15	-	GND	45	-	GND	75	-	GND	105	-	GND
16	O	BCEW	46	I	DI9	76	O	BO9	106	O	RO3
17	O	BCES	47	I	DI8	77	O	BO8	107	O	RO2
18	O	RCEW	48	I	DI7	78	O	BO7	108	O	RO1
19	O	RCES	49	I	DI6	79	O	BO6	109	O	RO0
20	I	RI9	50	I	DI5	80	I	TMOD0	110	I	CLP
21	I	RI8	51	I	DI4	81	I	TMOD1	111	I	CBLK
22	I	RI7	52	I	DI3	82	I	TMOD2	112	I	YISC
23	I	RI6	53	I	DI2	83	I	TMOD3	113	I	HLBK
24	I	RI5	54	I	DI1	84	I	TMOD4	114	I	BPF
25	I	RI4	55	I	DI0	85	I	PM0	115	I	BW
26	I	RI3	56	I	CMOD2	86	I	PM1	116	I	LALT1
27	I	RI2	57	I	CMOD1	87	O	BO5	117	O	LALT0
28	I	RI1	58	I	CMOD0	88	O	BO4	118	I	PH1
29	I	RI0	59	O	YO0	89	O	BO3	119	I	PH0
30	I	HIZ	60	O	YO1	90	O	BO2	120	I	CLK



INPUT

B67 : CORRELATION DETECT SENSITIVITY SELECT
 (H: 6 BITS/L: 7 BITS)
 B10 - B19 : B-Y DATA (COMPONENT MODE)
 BPF : L: BAND PASS FILTER SELECT
 BW : COMPOSITE SIGNAL THROUGH OUT CONTROL
 CBLK : CHROMA BLANKING PULSE
 CLK : CLOCK
 CLP : CLAMP PULSE
 * 1) CMOD0 - D2 : Y/C CORRECTION MODE SELECT
 CO : CHROMA DECODE CONTROL
 D10 - D19 : 2H DELAY DATA (COMPOSITE MODE) for NTSC
 4H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M
 DO0 - DO9 : 1H DELAY DATA (COMPOSITE MODE) for NTSC
 2H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M
 HBLK : H BLANKING PULSE
 HIZ : PULSE CONTROL
 LALTI : LINE ALTERNATE
 * 2) MODE1 - MODE4 : MODE SELECT
 MRST : RESET
 OE : OUTPUT ENABLE
 PH0, PH1 : REFERENCE PHASE for CHROMA DECODE and
 VLSG GENERATION
 PM0, PM1 : PHASE SHIFT CONTROL
 R10 - R19 : COMPOSITE DATA (COMPOSITE MODE)
 R-Y DATA (COMPONENT MODE)
 CHROMA DATA (CHROMA MODE)
 RND : OUTPUT ROUND OFF SELECT
 TMOD0 - D4 : TEST MODE/BPF STAGE SELECT
 VISC : VERTICAL INTERVAL SUB-CARRIER CONTROL

OUTPUT

BCES : B-Y CLAMP ERROR SENSE
 BCEW : B-Y CLAMP ERROR WIDTH
 B00 - B09 : B-Y DATA (B 09: MSB)
 DRST : EXTERNAL DELAY LINE RESET
 LALTO : LINE ALTERNATE
 PES : PHASE ERROR SENSE
 PEW : PHASE ERROR WIDTH
 RCEW : R-Y CLAMP ERROR SENSE
 R00 - R09 : R-Y DATA (R09: MSB)
 Y00 - Y09 : Y DATA (Y09: MSB)

* 2)

MODE2	MODE1	MODE
0	0	PAL
0	1	PAL-M
1	0	SECAM
1	1	NTSC
MODE4	MODE3	MODE
0	0	COMPONENT
0	1	COMPOSITE
1	0	CTDM
1	1	CHROMA

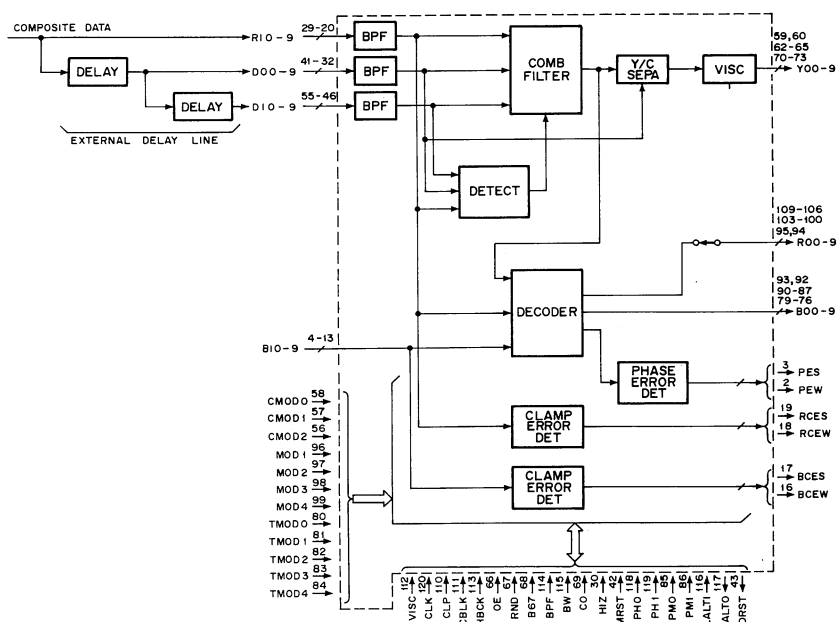
0 : LOW LEVEL
 1 : HIGH LEVEL

* 1)

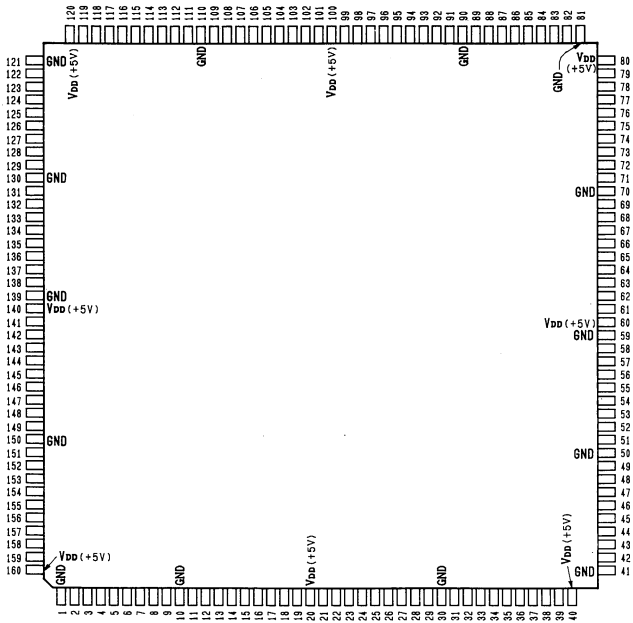
CMOD2	CMOD1	CMOD0	MODE
0	0	0	0-1 FIX
0	0	1	1-2 FIX
0	1	0	0-1-2 FIX
0	1	1	BPF FIX
1	0	0	0-1/1-2/0-1 ADAPTIVE
1	0	1	0-1/1-2/1-2 ADAPTIVE
1	1	0	0-1/1-2/0-1-2 ADAPTIVE
1	1	1	0-1/1-2/0-1-2/BPF ADAPTIVE

0 : LOW LEVEL
 1 : HIGH LEVEL

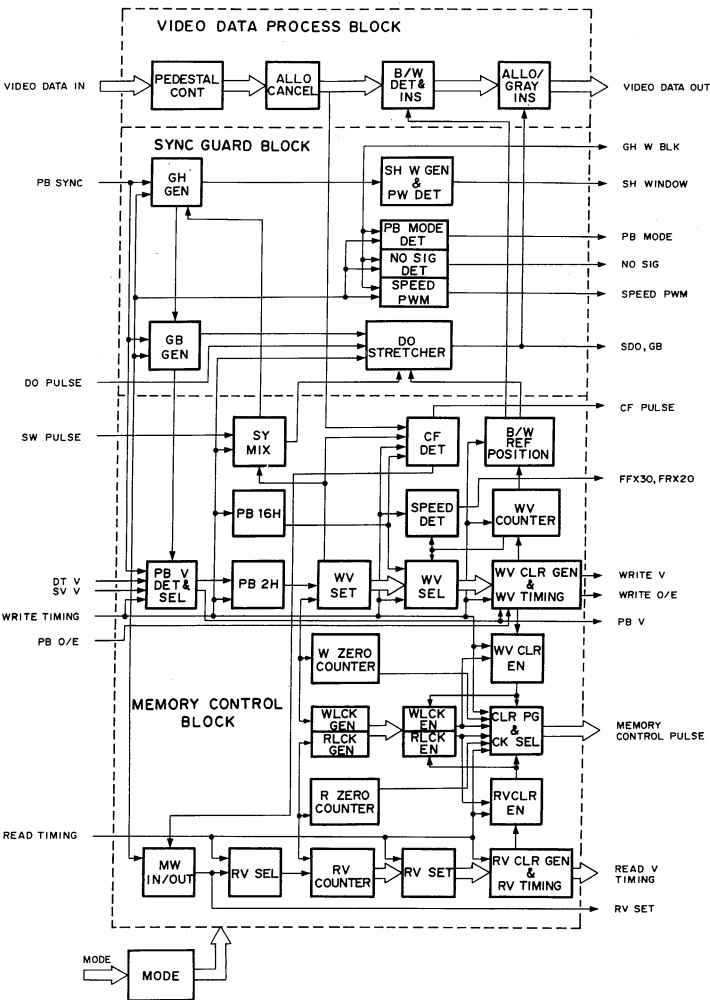
0-1 : UPPER 2 LINE COMB FILTER
 1-2 : LOWER 2 LINE COMB FILTER
 0-1-2 : UPPER/LOWER 3 LINE COMB FILTER



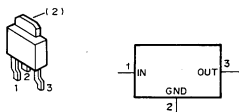
CXD8313Q (SONY)
C-MOS TBC
- TOP VIEW -



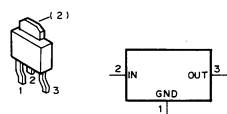
PIN No.	I/O	PIN NAME	PIN No.	I/O	PIN NAME	PIN No.	I/O	PIN NAME	PIN No.	I/O	PIN NAME
1	-	GND	41	-	GND	81	-	GND	121	-	GND
2	I	FVDDXREV	42	I/O	RMAB	82	O	RBWLN	122	I	DIN9
3	I	X13	43	I/O	RVCLR	83	O	COMPBLK	123	I	DIN8
4	I	NOIPB	44	I/O	WMAB	84	O	VBK2	124	I	DIN7
5	I	HEE	45	I/O	WVCLR	85	O	VBK1	125	I	DIN6
6	I	HINPHASE	46	I/O	TD70	86	O	ADVVBK1	126	I	DIN5
7	I	SHIFTH	47	I	TST5	87	O	ADDTHRU	127	I	DIN4
8	O	VSCXFP1	48	I	TST4	88	O	RDIZ	128	I	DIN3
9	O	VSCDTFP2	49	I	TST3	89	O	RCK	129	I	DIN2
10	-	GND	50	-	GND	90	-	GND	130	-	GND
11	I	OSCON	51	I	TST2	91	O	VCLR2	131	I	DIN1
12	I	MOD6	52	I	TST1	92	O	INC2	132	I	DIN0
13	I	DT	53	I	TST0	93	O	HCLR2	133	I	WCK
14	I	DTX3	54	I	RLMOFF	94	O	MRCK2	134	I	WZ
15	I	PBOE	55	I	FLMOFF	95	O	VCLR1	135	I	ADVWZ
16	I	DTV	56	I	MOD11	96	O	INC1	136	I	WCLP
17	I	SVV	57	I	MOD10	97	O	HCLR1	137	I	VISCCMUT
18	I	SWP	58	I	MOD7	98	O	MRCK1	138	I	PRCK
19	I	FRX3020	59	-	GND	99	O	VCLR0	139	-	GND
20	-	VDD	60	-	VDD	100	-	VDD	140	-	VDD
21	O	BINS	61	I/O	BID	101	O	INCO	141	I	PRZ
22	O	WINS	62	I/O	BIDDIR	102	O	HCLR0	142	I	PBSYNC
23	O	BWBLK	63	I	MOD4	103	O	DOCLR	143	O	WBLK
24	O	WHITECNT	64	I	MOD3	104	O	MWCK	144	I/O	GH
25	I	D0	65	I	MOD2	105	O	WE	145	O	SHW
26	I/O	PB16H	66	I	MOD1	106	O	DOUT0	146	I/O	SD01
27	I/O	PB2H	67	I	JUC	107	O	DOUT1	147	I/O	GB
28	O	COUNTERV	68	I	SGBLK	108	O	DOUT2	148	O	WDIZ
29	I/O	PBV	69	I	REFOE	109	O	DOUT3	149	I/O	FBID
30	-	GND	70	-	GND	110	-	GND	150	-	GND
31	O	WRITEV	71	I	READV	111	O	DOUT4	151	I/O	FFB
32	O	WOE	72	I	RZ	112	O	DOUT5	152	I/O	FRB
33	I/O	WVISCID	73	I	R456FH	113	O	DOUT6	153	O	FF30COFF
34	O	RVISCID	74	I	R2BH	114	O	DOUT7	154	O	FR30HDL
35	I/O	RVSET	75	I	R2FH	115	-	-	155	I	THRU2
36	I/O	WENP	76	I	HCK	116	O	DOUT8	156	I	THRU1
37	I/O	REN	77	I	SDATA	117	O	DOUT9	157	I/O	NOSIG
38	I	LEVST	78	I	SLD	118	O	SDO2WDO	158	O	PDSCONT
39	I	CLR	79	I	SCK	119	I	HOE	159	O	SPDPWM
40	-	VDD	80	-	VDD	120	-	VDD	160	-	VDD



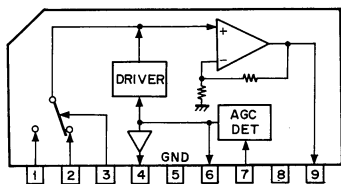
L78M09T-FA (SANYO) +9V 0.5A
 PQ05SZ51 (SHARP) +5V 1A
 POSITIVE VOLTAGE REGULATOR



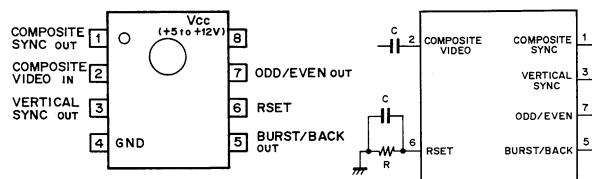
L79M05T-FA (SANYO) -5 V
 L79M09T-FA (SANYO) -9 V
 NEGATIVE VOLTAGE REGULATOR (500 mA)



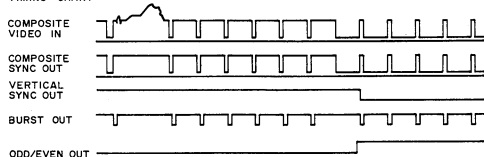
LA7205 (SANYO)
 AGC AMP, INPUT SELECT, AGC DET, COMPARATOR
 - SIDE VIEW -



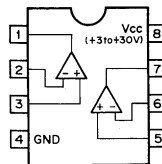
LM1881M (NS) FLAT PACKAGE
 VIDEO SYNC SEPARATOR
 - TOP VIEW -



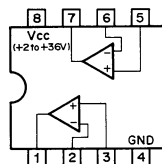
TIMING CHART



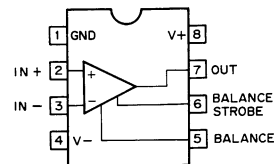
LM358P (TI)
 UPC358C (NEC)
 UPC358G2 (NEC) FLAT PACKAGE
 DUAL OPERATIONAL AMPLIFIERS
 - TOP VIEW -



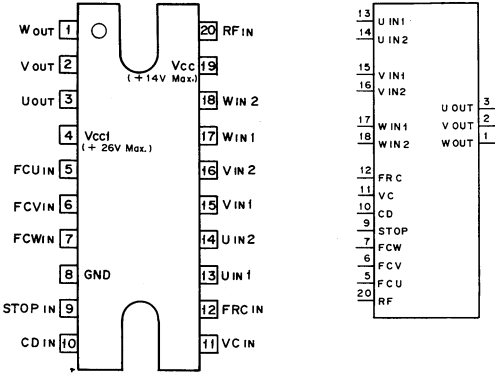
LM2903P (TI)
 LM2903PS (TI) FLAT PACKAGE
 NJM2903D (JRC)
 DUAL VOLTAGE COMPARATORS
 - TOP VIEW -



LM311PS (TI) FLAT PACKAGE
 VOLTAGE COMPARATOR WITH STROBE
 - TOP VIEW -



LB1620 (SANYO)
3-PHASE MOTOR DRIVER
- TOP VIEW -

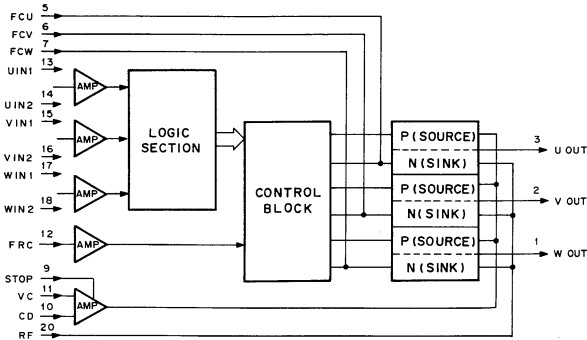


	SOURCE / SINK	INPUT			FRC
		U	V	W	
1	W PHASE→V PHASE	1	1	0	0
	V PHASE→W PHASE	1	0	1	1
2	W PHASE→U PHASE	1	0	0	0
	U PHASE→W PHASE	1	1	1	1
3	V PHASE→W PHASE	0	0	1	0
	W PHASE→V PHASE	0	1	1	1
4	U PHASE→V PHASE	0	1	0	0
	V PHASE→U PHASE	0	0	1	1
5	V PHASE→U PHASE	1	0	1	0
	U PHASE→V PHASE	1	1	1	1
6	U PHASE→W PHASE	0	1	1	0
	W PHASE→U PHASE	0	0	1	1

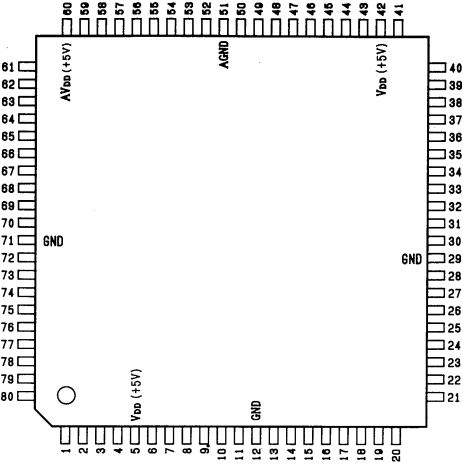
0 : LOW LEVEL
1 : HIGH LEVEL

INPUT
CD : CURRENT DETECTION
FCU : PHASE COMPENSATION
FCV : PHASE COMPENSATION
FCW : PHASE COMPENSATION
FRC : DIRECTION CONTROL
RF : CURRENT DETECTION
STOP : OVERCURRENT PROTECTION
UIN1, UIN2 : U PHASE HALL ELEMENT
VC : SPEED/PHASE CONTROL
VIN1, VIN2 : V PHASE HALL ELEMENT
WIN1, WIN2 : W PHASE HALL ELEMENT

OUTPUT
U OUT : U PHASE OUTPUT
V OUT : V PHASE OUTPUT
W OUT : W PHASE OUTPUT



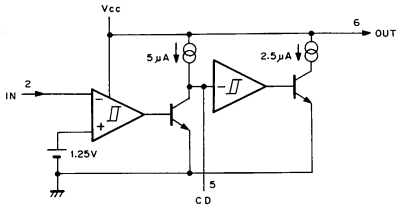
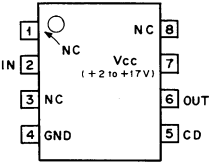
HD6435348RA00F (HITACHI)
C-MOS 8-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -



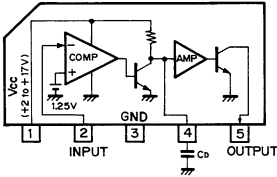
AVDD, VDD = (+5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P21/R/W	41	I/O	P63/PM3/IRQ5/A19
2	I/O	P22/DS	42	—	VDD
3	I/O	P23/RD	43	I/O	P70/TMC1
4	I/O	P24/WR	44	I/O	P71/FTI1
5	—	VDD	45	I/O	P72/FTI2
6	I	MD0	46	I/O	P73/FTI3/TMRI
7	I	MD1	47	I/O	P74/FTOB1/FTCI1
8	I	MD2	48	I/O	P75/FTOB2/FTCI2
9	I	STBY	49	I/O	P76/FTOB3/FTCI3
10	I	RES	50	I/O	P77/FTOA1
11	I	NMI	51	—	AGND
12	—	GND	52	I	P80/AN0
13	I/O	P30/D0	53	I	P81/AN1
14	I/O	P31/D1	54	I	P82/AN2
15	I/O	P32/D2	55	I	P83/AN3
16	I/O	P33/D3	56	I	P84/AN4
17	I/O	P34/D4	57	I	P85/AN5
18	I/O	P35/D5	58	I	P86/AN6
19	I/O	P36/D6	59	I	P87/AN7
20	I/O	P37/D7	60	—	AVDD
21	I/O	P40/A0	61	I/O	P90/FTOA2
22	I/O	P41/A1	62	I/O	P91/FTOA3
23	I/O	P42/A2	63	I/O	P92/TXD2/PW1
24	I/O	P43/A3	64	I/O	P93/RXD2/PW2
25	I/O	P44/A4	65	I/O	P94/SCK2/PW3
26	I/O	P45/A5	66	I/O	P95/TXD1
27	I/O	P46/A6	67	I/O	P96/RXD1
28	I/O	P47/A7	68	I/O	P97/SCK1
29	—	GND	69	I	EXTAL
30	I/O	P50/A1	70	I	XTAL
31	I/O	P51/A2	71	—	GND
32	I/O	P52/A10	72	I/O	P10/φ
33	I/O	P53/A11	73	I/O	P11/E
34	I/O	P54/A12	74	I/O	P12/BACK
35	I/O	P55/A13	75	I/O	P13/BREQ
36	I/O	P56/A14	76	I/O	P14/WAIT
37	I/O	P57/A15	77	I/O	P15/IRQ0
38	I/O	P60/IRQ2/A16	78	I/O	P16/IRQ1/ADTRG
39	I/O	P61/PM1/IRQ2/A17	79	I/O	P17/TMO
40	I/O	P62/PM2/IRQ4/A18	80	I/O	P20/AS

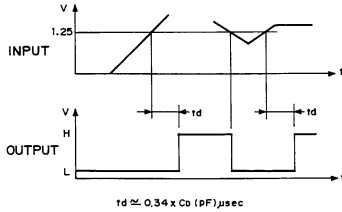
M51957BFP (MITSUBISHI) FLAT PACKAGE
VOLTAGE DETECTOR
- TOP VIEW -



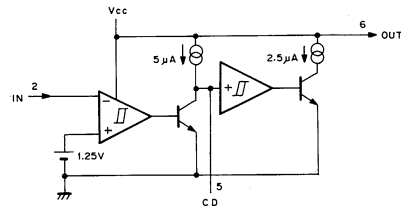
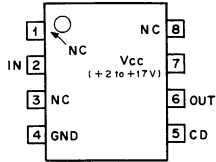
M51957BL (MITSUBISHI)
VOLTAGE DETECT DELAY
- PRINTED SIDE VIEW -



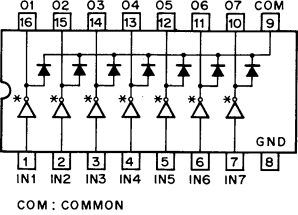
TIMING CHART



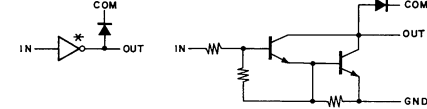
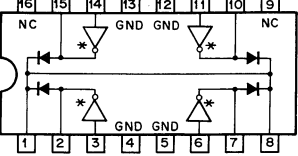
M51958A (MITSUBISHI) FLAT PACKAGE
VOLTAGE DETECT DELAY
- TOP VIEW -



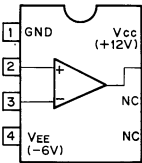
M54523P (MITSUBISHI)
BIPOLAR TRANSISTOR ARRAY WITH OPEN COLLECTOR
- TOP VIEW -



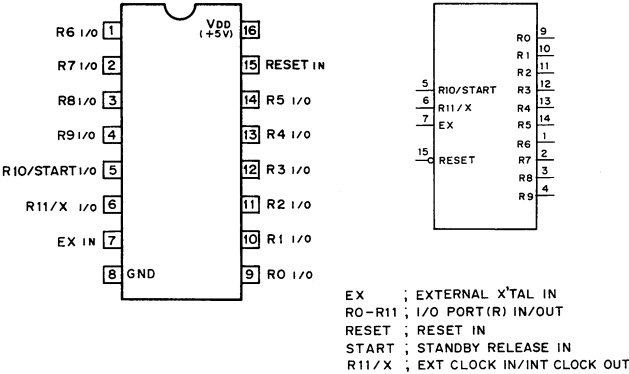
M54532P (MITSUBISHI)
DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE
- TOP VIEW -



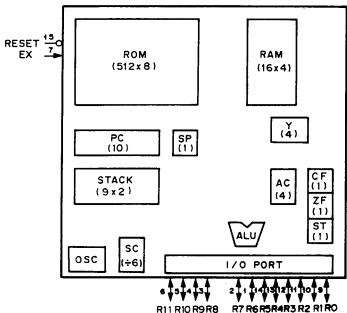
MB4002PF (FUJITSU) FLAT PACKAGE
HIGH SPEED VOLTAGE COMPARATOR
- TOP VIEW -



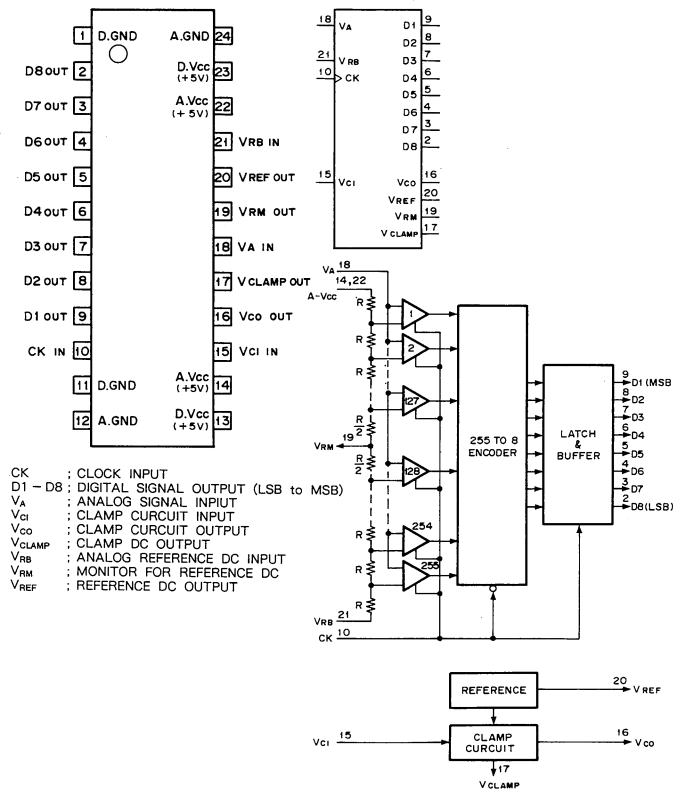
MB88201 (FUJITSU)
C-MOS 4-BIT MICROCOMPUTER
- TOP VIEW -



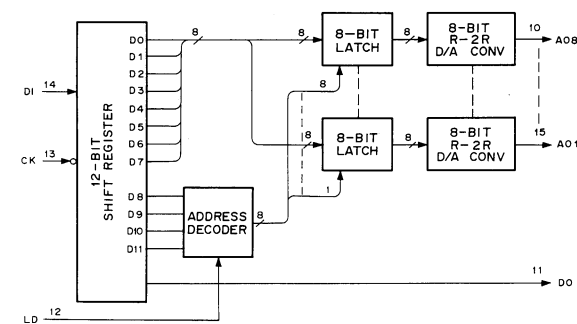
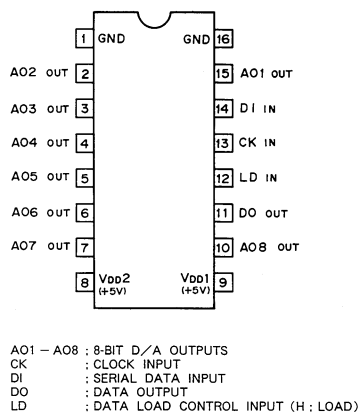
EX ; EXTERNAL X'TAL IN
R0-R11 ; I/O PORT(R) IN/OUT
RESET ; RESET IN
START ; STANDBY RELEASE IN
R11/X ; EXT CLOCK IN/INT CLOCK OUT



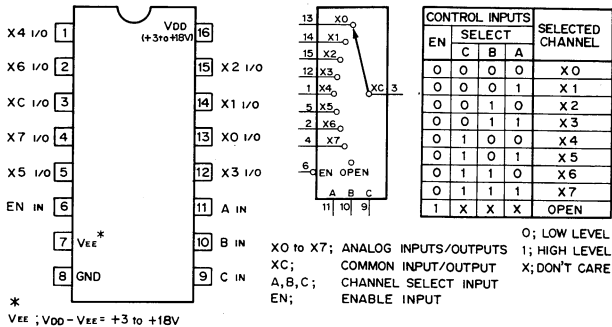
MB40568 (FUJITSU) FLAT PACKAGE
 MB40568PF (FUJITSU) FLAT PACKAGE
 8BIT VIDEO A/D CONVERTER
 - TOP VIEW -



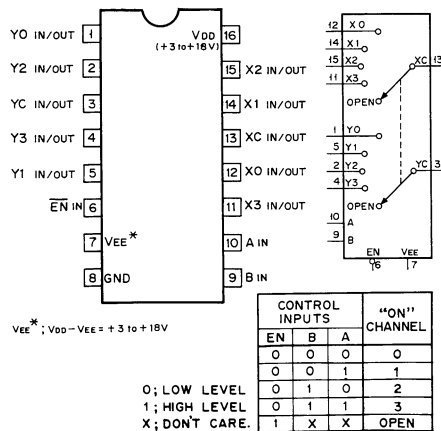
MB88342PF (FUJITSU) FLAT PACKAGE
 C-MOS 8-BIT D/A CONVERTER
 - TOP VIEW -



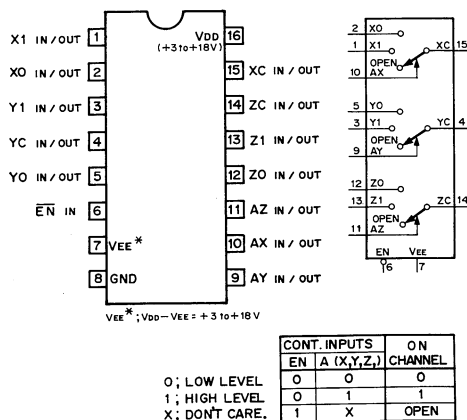
MC14051BF (MOTOROLA) FLAT PACKAGE
 C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
 - TOP VIEW -



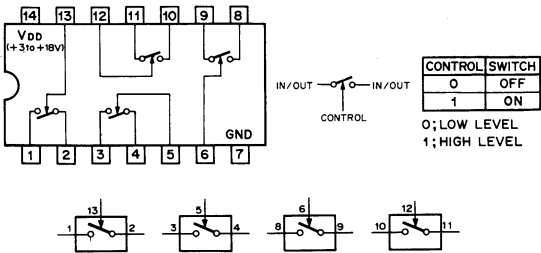
MC14052BF (MOTOROLA) FLAT PACKAGE
 C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMUTIPLEXERS
 - TOP VIEW -



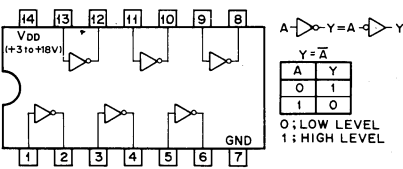
MC14053BCP (MOTOROLA)
 MC14053BF (MOTOROLA) FLAT PACKAGE
 UPD4053BC (NEC)
 C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMUTIPLEXERS
 - TOP VIEW -



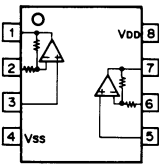
MC14066BF (MOTOROLA) FLAT PACKAGE
C-MOS QUAD BILATERAL ANALOG SWITCH
- TOP VIEW -



MC14069UBF (MOTOROLA)
C-MOS INVERTER
- TOP VIEW -

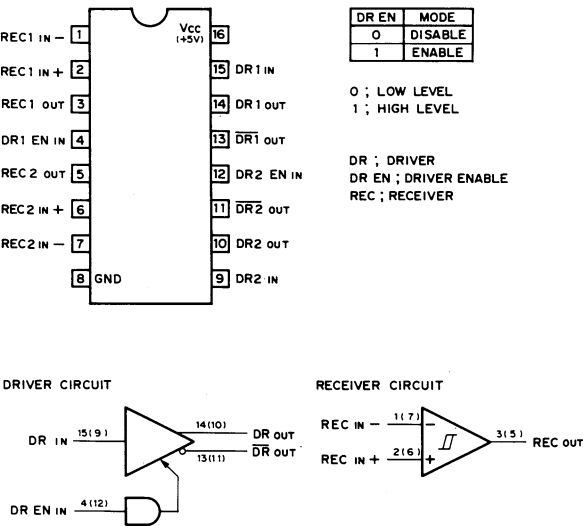


MC14576BF (MOTOROLA) FLAT PACKAGE
MC14576CFEL (MOTOROLA) FLAT PACKAGE
C-MOS DUAL VIDEO AMPLIFIERS
- TOP VIEW -

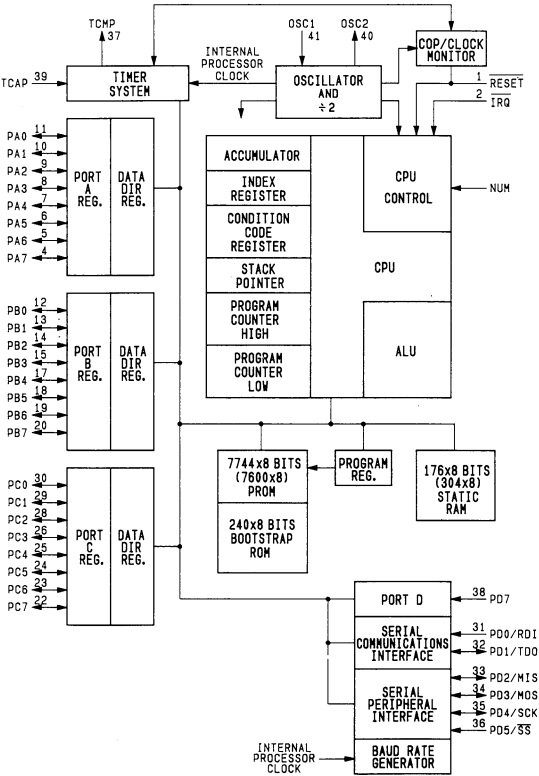
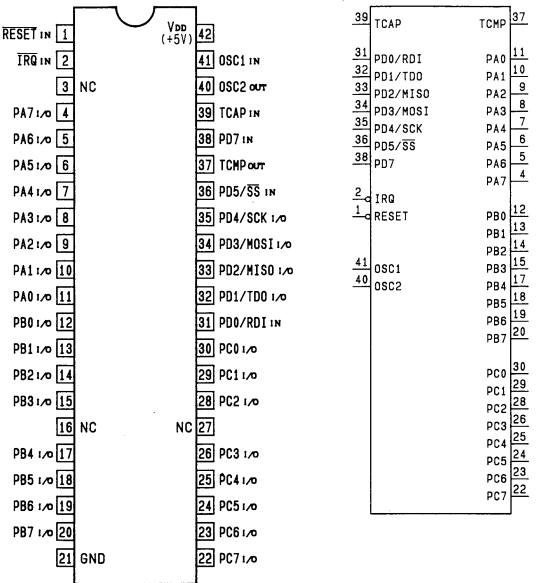


VDD + VSS = +5V to +12V

MC34051M (MOTOROLA) FLAT PACKAGE
RS-422 DRIVER/RECEIVER
- TOP VIEW -



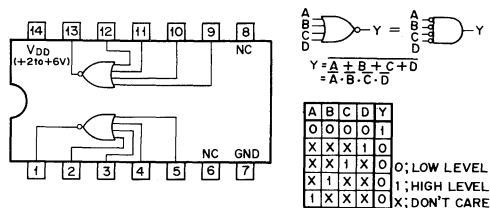
MC68HC05C8 (MOTOROLA)
C-MOS 8-BIT MICROCONTROLLER UNIT
- TOP VIEW -



MC74HC4002F (MOTOROLA) FLAT PACKAGE

C-MOS 4-INPUT NOR GATE

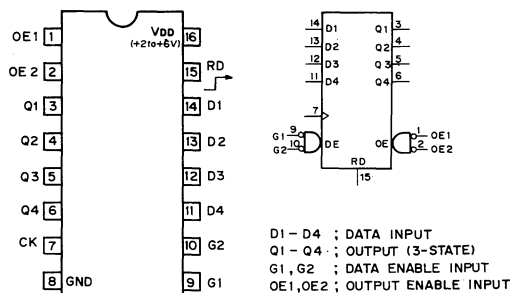
- TOP VIEW -



MC74HC173F (MOTOROLA) FLAT PACKAGE

C-MOS 4-BIT D-TYPE REGISTERS WITH 3-STATE OUTPUT

- TOP VIEW -



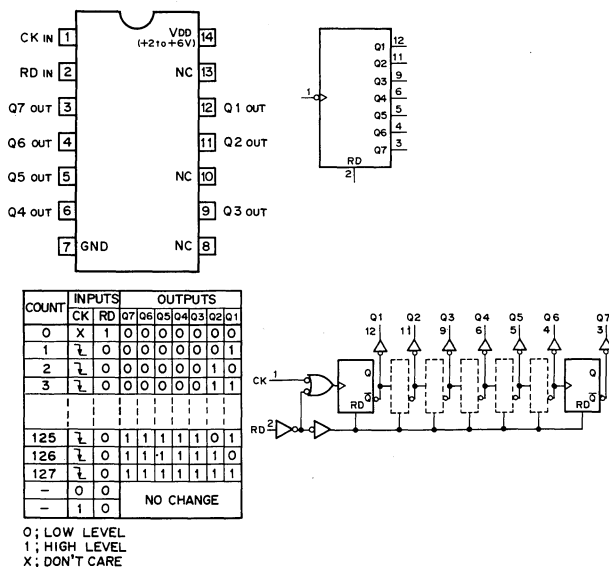
		INPUT						OUTPUT	
RD	CK	DATA IN G1 G2	D	OE1	OE2	Q			
1	X	X	X	X	0	0	0	0	0
0	0	X	X	X	0	0	0	0	0
0	1	X	X	X	0	0	0	0	0
0	1	X	1	X	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	1	0	1
X	X	X	X	X	1	X	HI-Z		
X	X	X	X	X	X	1	HI-Z		

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
Q0 ; LEVEL OF Q BEFORE THE INDICATED INPUT CONDITIONS WERE ESTABLISHED

MC74HC4024N (MOTOROLA)

C-MOS 7-BIT BINARY COUNTERS

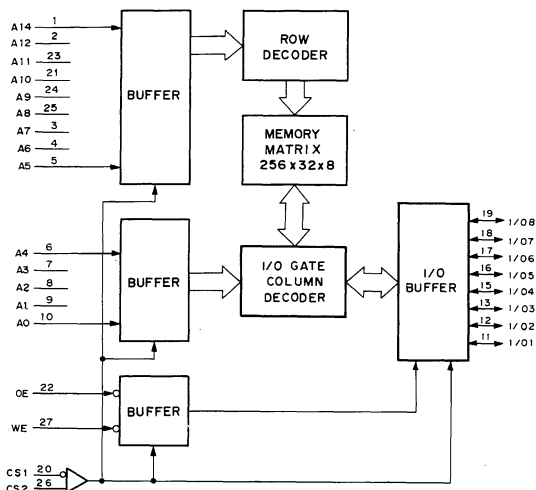
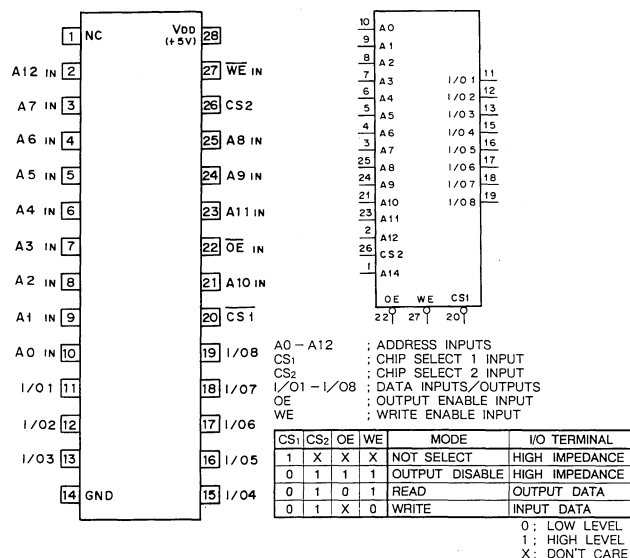
- TOP VIEW -



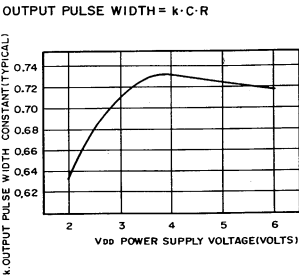
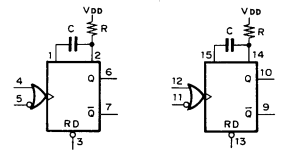
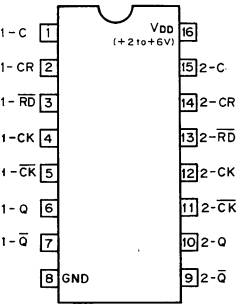
MS6264CLL-10FC (MOSEL) FLAT PACKAGE

C-MOS 64K (8Kx8)-BIT STATIC RAM

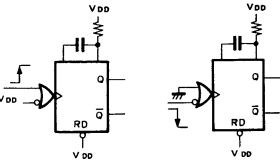
- TOP VIEW -



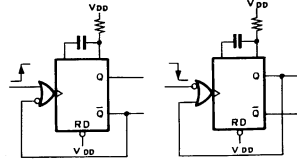
MC74HC4538AN (MOTOROLA)
C - MOS DUAL RETRIGGERABLE / NON - RETRIGGERABLE MONOSTABLE
MULTIVIBRATOR
- TOP VIEW -



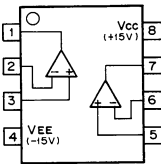
RETRIGGERABLE M.M.V



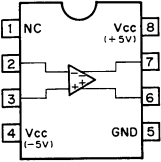
NON-RETRIGGERABLE M.M.V



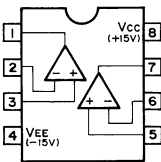
NJM2068DD (JRC)
LOW NOISE OPERATIONAL AMPLIFIER
- TOP VIEW -



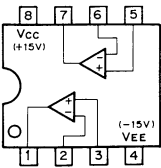
NJM360M (JRC) FLAT PACKAGE
HIGH SPEED VOLTAGE COMPARATOR
(TTL OUTPUT)
- TOP VIEW -



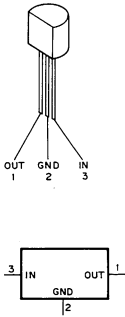
NJM4556M-A (JRC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
(WIDE BAND, DECOMPENSATED)
- TOP VIEW -



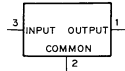
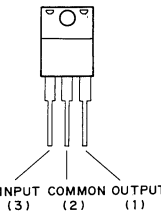
NJM4558D-D (JRC)
NJM4558D-FA (JRC)
NJM4558M (JRC) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIER
- TOP VIEW -



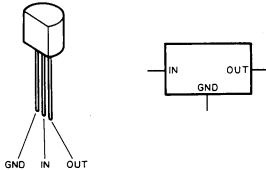
NJM78L09A (JRC) + 9V (100mA)
TA78L09S (TOSHIBA) + 9V (100mA)
POSITIVE VOLTAGE REGULATOR



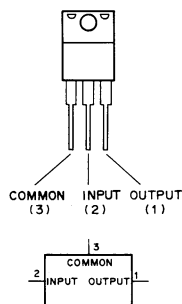
NJM78M09FA (JRC) + 9V
POSITIVE VOLTAGE REGULATOR (500mA)
- FRONT VIEW -



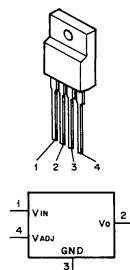
NJM79L05A (JRC) - 5V
NJM79L09A (JRC) - 9V
NEGATIVE VOLTAGE REGULATOR (100mA)



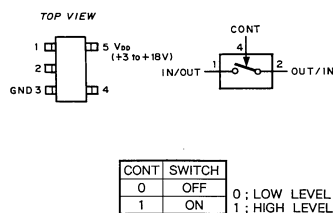
NJM79M09FA (JRC) - 9V
NEGATIVE VOLTAGE REGULATOR (500mA)
- FRONT VIEW -



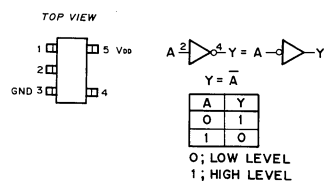
PQ30RV1 (SHARP) VARIABLE 1A
POSITIVE VOLTAGE REGULATOR



SC14S66FEL (MOTOROLA) CHIP PACKAGE
C-MOS BILATERAL ANALOG SWITCH

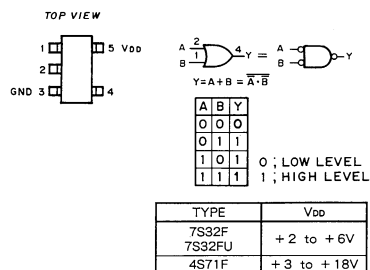


SC7S04F (MOTOROLA) CHIP PACKAGE
TC7S04F (TOSHIBA) CHIP PACKAGE
C-MOS INVERTER



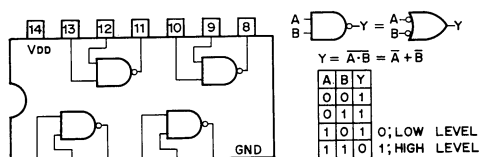
TYPE	V _{DD}
7S04F 7SU04F	+ 2 to + 6V
4S69F 4SU69F	+ 3 to + 18V

SC7S32F (MOTOROLA) CHIP PACKAGE
TC7S32F (TOSHIBA) CHIP PACKAGE
C-MOS 2-INPUT OR GATE



TYPE	V _{DD}
7S32F 7S32FU	+ 2 to + 6V
4S71F	+ 3 to + 18V

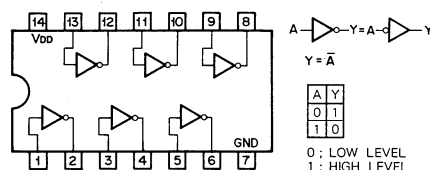
SN74HC00AN (TI)
SN74HC00ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-INPUT NAND GATES
- TOP VIEW -



NOTE:

TYPE	V _{DD}
TC74AC00 TYPE TC74VHC00	+2 to +5.5V
MC74HCT00N	+5V
74ACT00 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

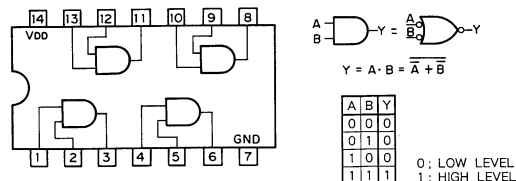
SN74HC04ANS (TI) FLAT PACKAGE
SN74HCU04AN (TI)
SN74HCU04ANS (TI) FLAT PACKAGE
C-MOS HEX INVERTERS
- TOP VIEW -



NOTE:

TYPE	V _{DD}
74HCT04 TYPE	+ 5V
TC74AC04 TYPE TC74VHC04 TYPE	+ 2 to + 5.5V
74ACT04 TYPE	+ 4.5 to + 5.5V
OTHER TYPES	+ 2 to + 6V

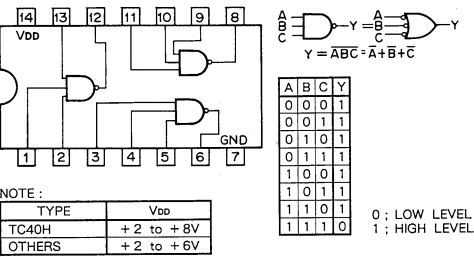
SN74HC08AN (TI)
SN74HC08ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-INPUT AND GATES
- TOP VIEW -



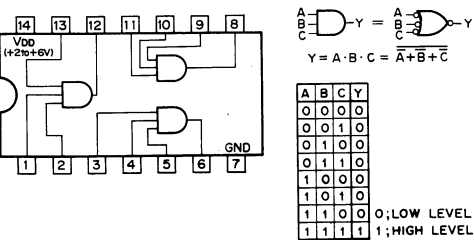
NOTE:

TYPE	V _{DD}
TC74AC08F MC74ACT08M	+ 2 to + 5.5V
TC40H	+ 2 to + 8V
OTHER TYPES	+ 2 to + 6V

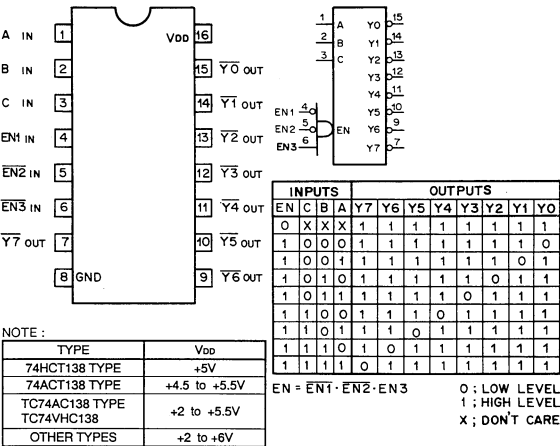
SN74HC10ANS (TI) FLAT PACKAGE
C-MOS 3-INPUT NAND GATE
- TOP VIEW -



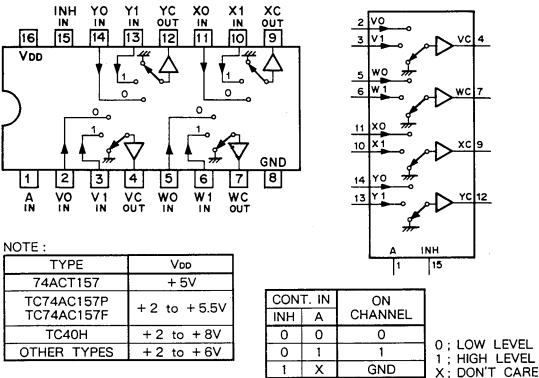
SN74HC11ANS (TI) FLAT PACKAGE
C-MOS 3-INPUT POSITIVE-AND GATE



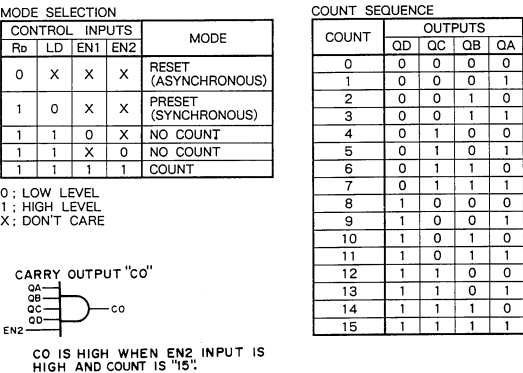
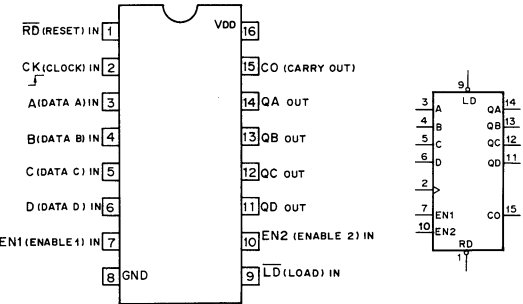
SN74HC138ANS (TI) FLAT PACKAGE
C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER
- TOP VIEW -



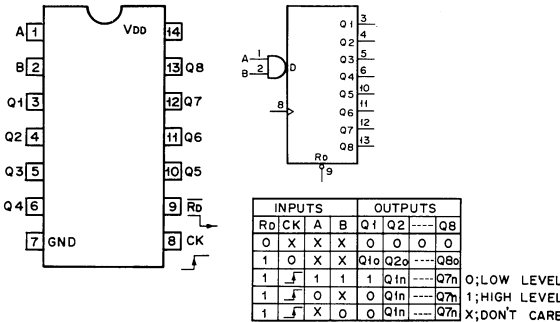
SN74HC157ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
- TOP VIEW -



SN74HC161AN (TI)
C-MOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER
- TOP VIEW -



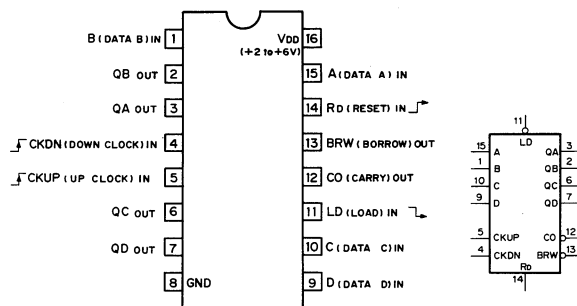
SN74HC164ANS (TI) FLAT PACKAGE
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
- TOP VIEW -





SN74HC192NS (TI) FLAT PACKAGE

C-MOS SYNCHRONOUS UP/DOWN DECADE COUNTER

- TOP VIEW -

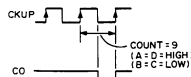


CONTROL INPUTS				MODE
Rd	LD	CKUP	CKDN	
1	X	X	X	RESET TO ZERO
0	0	X	X	PRESET
0	1		1	UP COUNT
0	1	1		DOWN COUNT
0	1	1	1	NO COUNT

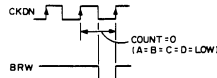
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

$$CO = CKUP \cdot QA \cdot QB \cdot QC \cdot QD$$



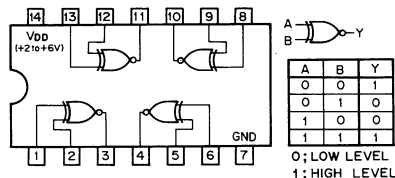
$$BRW = CKDN \cdot QA \cdot QB \cdot QC \cdot QD$$



SN74HC266ANS (TI) FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE-NOR GATE

- TOP VIEW -



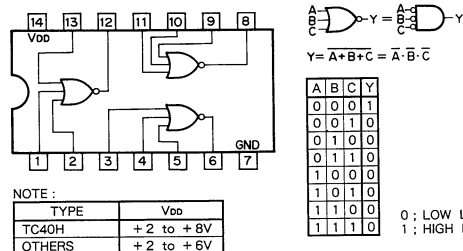
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

SN74HC27ANS (TI) FLAT PACKAGE

C-MOS 3-LINE POSITIVE-NOR GATE

- TOP VIEW -



$$Y = A + B + C = \bar{A} \cdot \bar{B} \cdot \bar{C}$$

A	B	C	Y
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

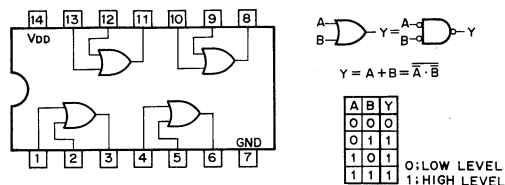
0; LOW LEVEL
1; HIGH LEVEL

TYPE	VDD
TC40H	+2 to +8V
OTHERS	+2 to +6V

SN74HC32ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT OR GATES

- TOP VIEW -



$$Y = A + B = \bar{A} \cdot \bar{B}$$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

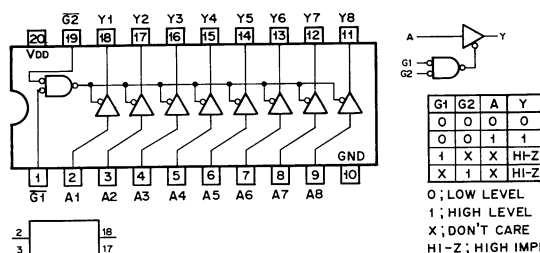
NOTE:

TYPE	VDD
TC74AC32 TYPE	+2 to +5.5V
TC74VHC32	+2 to +6V
OTHER TYPES	+2 to +6V

SN74HC541ANS (TI) FLAT PACKAGE

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS

- TOP VIEW -



$$Y = A$$

G1	G2	A	Y
0	0	0	0
0	0	1	1
1	X	X	HI-Z
X	1	X	HI-Z

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
HI-Z; HIGH IMPEDANCE

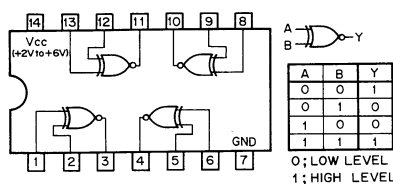
NOTE:

TYPE	VDD
AC/VHC	+2 to +5.5V
HC	+2 to +6V
ACT/BCT/HCT	+5V

SN74HC7266NS (TI) FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE-NOR GATES

- TOP VIEW -



A	B	Y
0	0	1
0	1	0
1	0	0
1	1	1

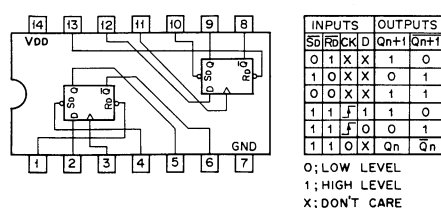
0; LOW LEVEL
1; HIGH LEVEL

SN74HC74AN (TI)

SN74HC74ANS (TI) FLAT PACKAGE

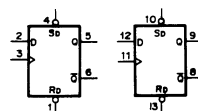
C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET

- TOP VIEW -



INPUTS				OUTPUTS	
$\overline{S_D}$	$\overline{R_D}$	CK	D	Q_{n+1}	$\overline{Q_{n+1}}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	↓	1	1	0
1	1	↓	0	0	1
1	1	0	X	Q_n	$\overline{Q_n}$

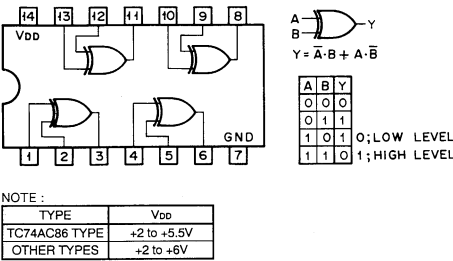
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE



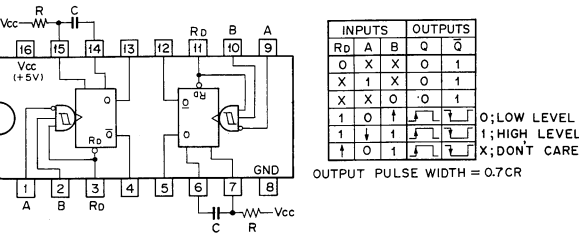
NOTE:

TYPE	VDD
TC74HCT74AF	+5V
TC74AC74 TYPE	+2 to +5.5V
74ACT74 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

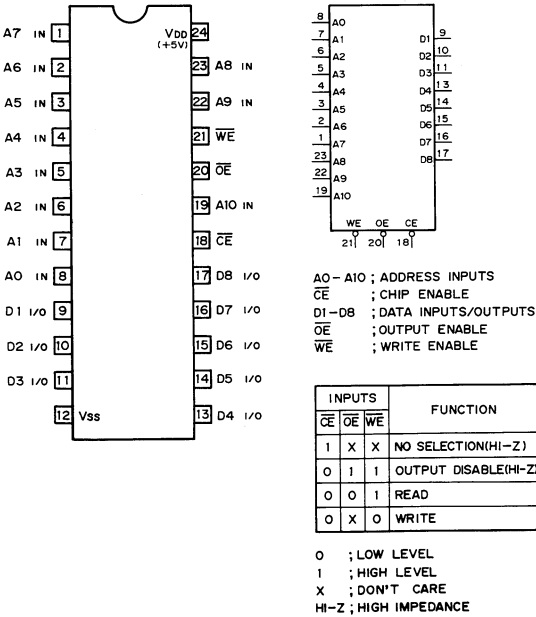
SN74HC86ANS (TI) FLAT PACKAGE
C-MOS QUAD EXCLUSIVE OR GATES
- TOP VIEW -



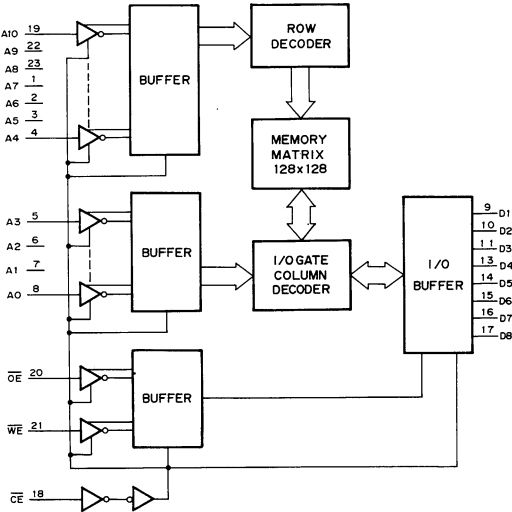
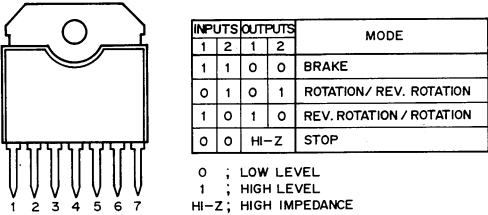
SN74LS221NS (TI) FLAT PACKAGE
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
- TOP VIEW -



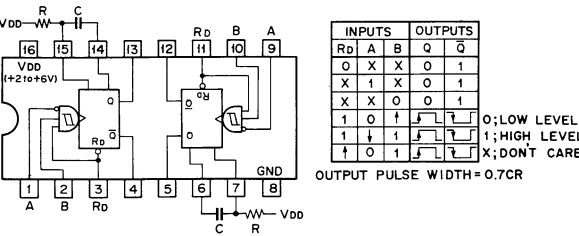
SRM2016M10 (SEIKO EPSON) FLAT PACKAGE
C-MOS 16384-BIT (2048x8) STATIC RAM
- TOP VIEW -



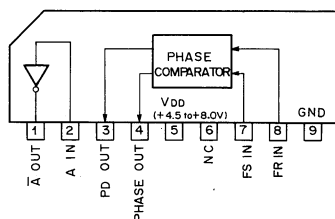
TA7267P (TOSHIBA)
DC MOTOR DRIVER
- PRINTED SIDE VIEW -



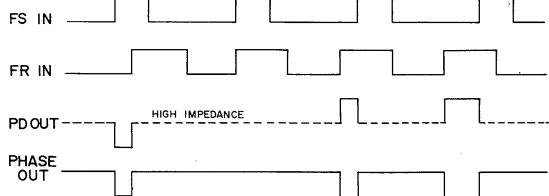
TC74HC221AF (TOSHIBA) FLAT PACKAGE
C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
- TOP VIEW -



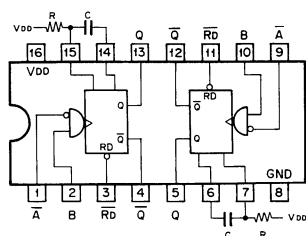
TC5081AP (TOSHIBA)
C-MOS PHASE COMPARATOR
- SIDE VIEW -



PHASE COMPARATOR TIMING CHART



TC74HC123AF (TOSHIBA) FLAT PACKAGE
C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS
- TOP VIEW -



INPUT	RD	A	B	Q	Q-bar
0	X	X	X	0	1
1	1	X	X	0	1
1	X	0	X	0	1
1	1	0	1	1	0
1	1	1	0	1	0
1	1	1	1	1	0

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

OUTPUT PULSE WIDTH = 0.46CR

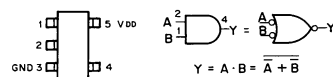
NOTE:

TYPE	VDD
TC74HCT123AF	+5V
OTHER TYPES	+2 to +6V

TC7S08F (TOSHIBA) CHIP PACKAGE
C-MOS 2-INPUT AND GATE

(SCALE 6/1)

TOP VIEW

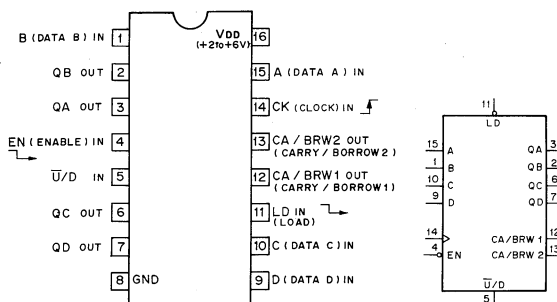


A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

TYPE	VDD
7S08F 7S08FU	+2 to +6V
4S81F 14S81F	+3 to +18V

TC74HC191AF (TOSHIBA) FLAT PACKAGE
C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER
- TOP VIEW -



MODE SELECTION

CONTROL	LD	EN	U/D	MODE
0	X	X	X	PRESET (ASYNCHRONOUS)
1	1	1	X	NO COUNT
1	0	0	0	UP COUNT
1	0	0	1	DOWN COUNT

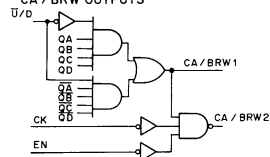
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE.

COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

UP COUNT
DOWN COUNT

CA / BRW OUTPUTS

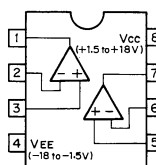


CA / BRW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN COUNT.

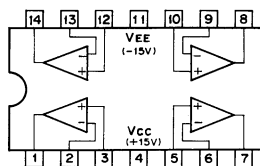
CA / BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA / BRW1 OUTPUT IS HIGH.

TL062CPS (TI) FLAT PACKAGE
TL082CPS (TI) FLAT PACKAGE

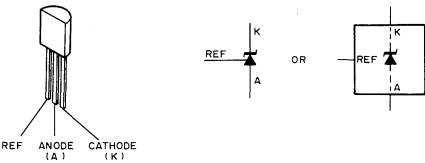
OPERATIONAL AMPLIFIER
(JFET INPUT)
- TOP VIEW -



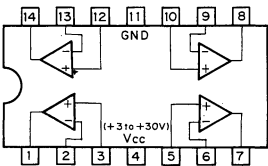
TL084CNS (TI) FLAT PACKAGE
OPERATIONAL AMPLIFIER
(J FET-INPUT)
- TOP VIEW -



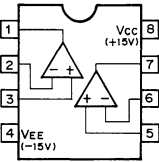
TL431CLP (TI)
ADJUSTABLE PRECISION SHUNT REGULATOR



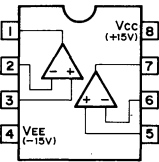
UPC324G2 (NEC) FLAT PACKAGE
QUAD OPERATIONAL AMPLIFIERS
- TOP VIEW -



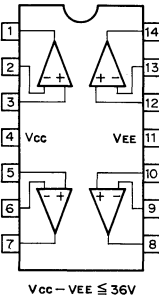
UPC4557C (NEC)
OPERATIONAL AMPLIFIER (WIDE BAND, LOW NOISE)
- TOP VIEW -



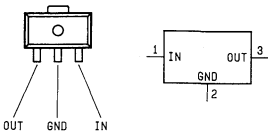
UPC4570C (NEC)
UPC4570G2 (NEC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
- TOP VIEW -



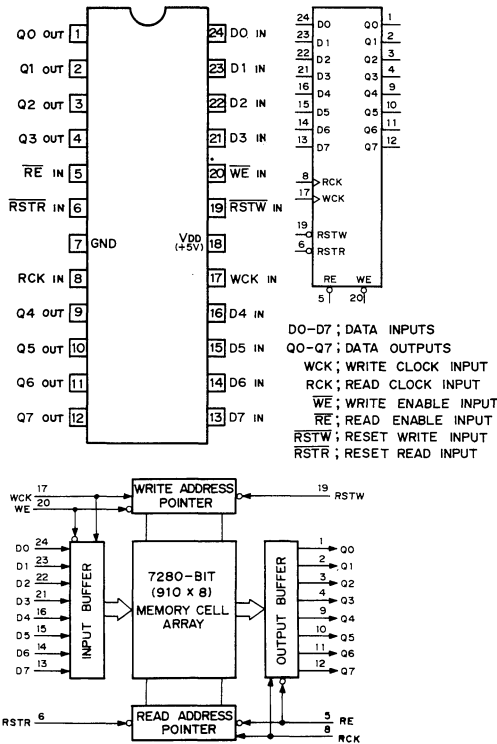
UPC4574G2 (NEC)
QUAD OPERATIONAL AMPLIFIER
- TOP VIEW -



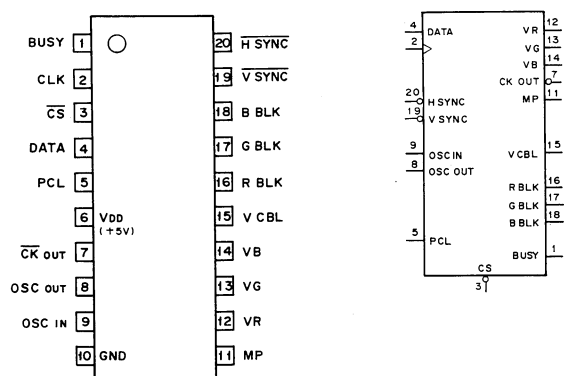
UPC78L05T (NEC) + 5V
POSITIVE VOLTAGE REGULATOR (100mA)



UPD42101C-3 (NEC)
UPD42101G-3 (NEC) FLAT PACKAGE
C-MOS 7K (910x8)-BIT FIFO MEMORY
- TOP VIEW -

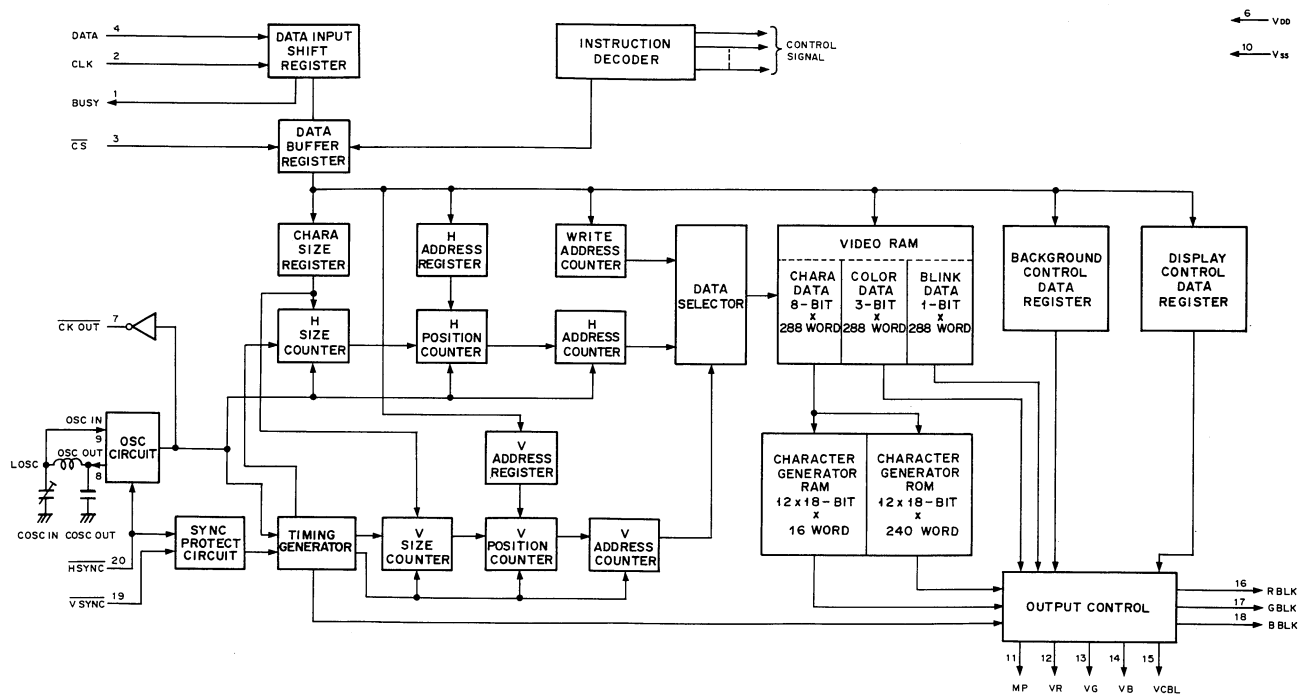


UPD6453GT (NEC) FLAT PACKAGE
C-MOS ON-SCREEN CHARACTER DISPLAY
- TOP VIEW -

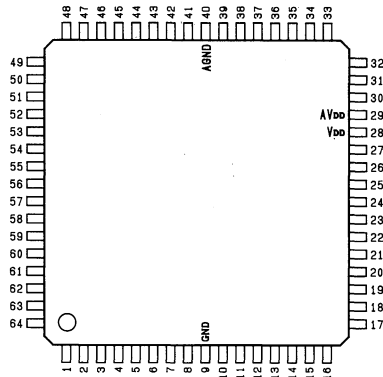


INPUT
CLK : CLOCK
CS : CHIP SELECT
DATA : SERIAL DATA
H SYNC : HORIZONTAL SYNC
OSC IN : OSCILLATOR IN
PCL : POWER ON CLEAR
V SYNC : VERTICAL SYNC

OUTPUT
B BLK, R BLK, G BLK : B, R, G, BLANKING
BUSY : BUSY OUT
CK OUT : CLOCK
MP : MASK PULSE
OSC OUT : OSCILLATOR OUT
VR, VG, VB : R, G, B, CHARACTER DATA
VCBL : VIDEO CUT BLANKING

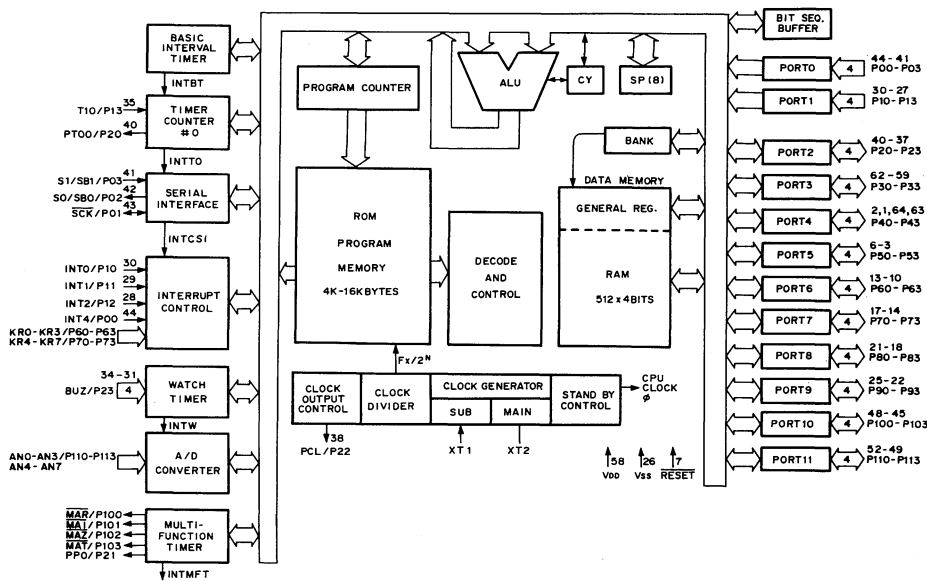


UPD75028GC (NEC)
CMOS 4-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -

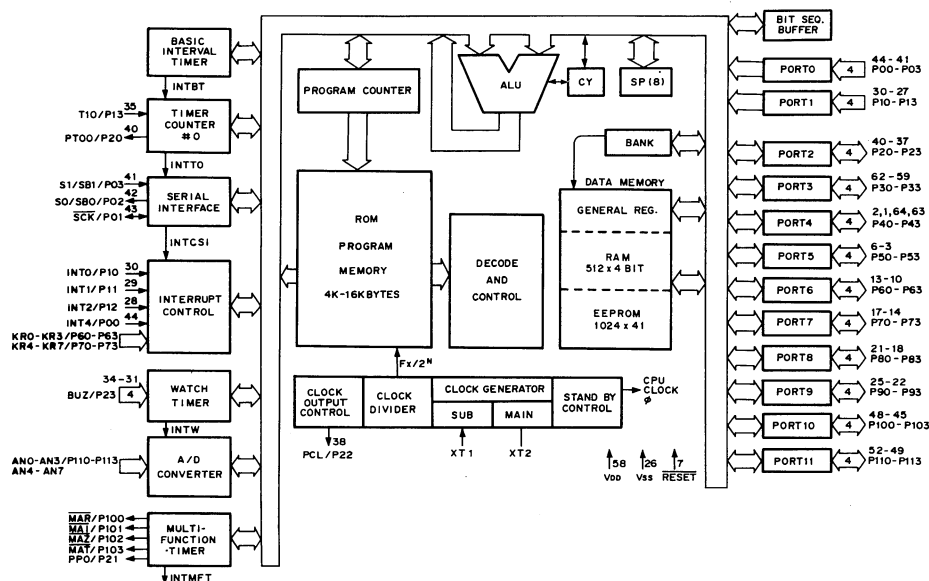
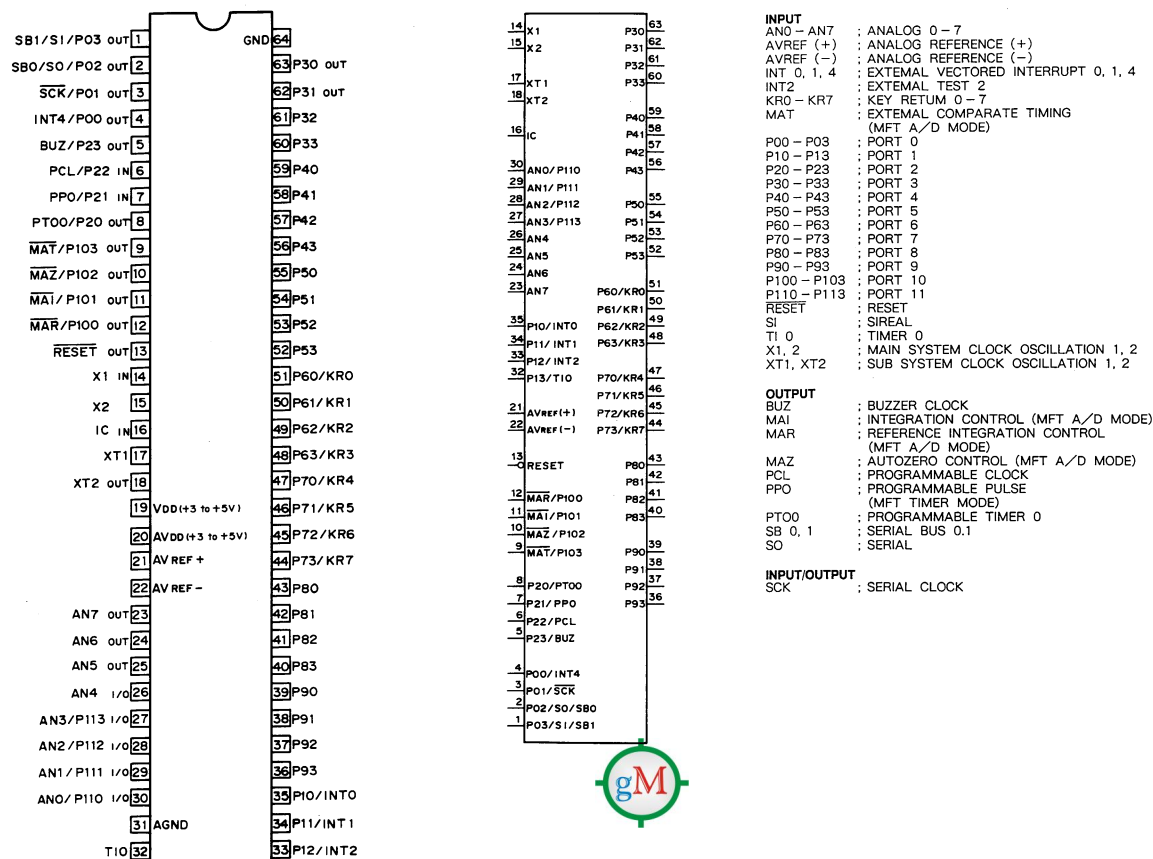


PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I/O	P43	17	I/O	PT00/P20	33	I	AN6	49	I/O	P83
2	I/O	P42	18	I/O	MAT/P103	34	I	AN5	50	I/O	P82
3	I/O	P41	19	I/O	MAZ/P102	35	I	AN4	51	I/O	P81
4	I/O	P40	20	I/O	MAI/P101	36	I	AN3/P113	52	I/O	P80
5	I/O	P33	21	I/O	MAR/P100	37	I	AN2/P112	53	I/O	P73/KR7
6	I/O	P32	22	I	RESET	38	I	AN1/P111	54	I/O	P72/KR6
7	I/O	P31	23	I	X1	39	I	AN0/P110	55	I/O	P71/KR5
8	I/O	P30	24	-	X2	40	I	A GND	56	I/O	P70/KR4
9	-	GND	25	-	IC	41	I	T10/P13	57	I/O	P63/KR3
10	I/O	SB1/SI/P03	26	I	XT1	42	I	P12/INT2	58	I/O	P62/KR2
11	I/O	SB0/SO	27	I/O	XT2	43	I	P11/INT1	59	I/O	P61/KR1
12	I/O	SCR/P01	28	-	VDD	44	I	P10/INT0	60	I/O	P60/KR0
13	I	INT4/P00	29	-	AVDD	45	I/O	P93	61	I/O	P53
14	I/O	BUZ/P23	30	-	AVREF +	46	I/O	P92	62	I/O	P52
15	I/O	PCL/P22	31	-	AVREF -	47	I/O	P91	63	I/O	P51
16	I/O	PPO/P21	32	I	AN7	48	I/O	P90	64	I/O	P50

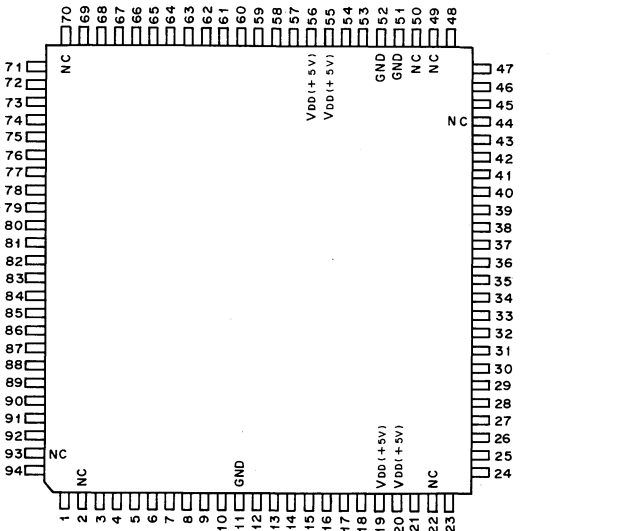
13	P00/INT4	P50	64	INPUT	
12	P01/SCR	P51	63	AN0 - AN7	: ANALOG 0 - 7
11	P02/SO/SB0	P52	62	AVREF (+)	: ANALOG REFERENCE (+)
10	P03/SI/SB1	P53	61	AVREF (-)	: ANALOG REFERENCE (-)
				INT 0, 1, 4	: EXTERNAL VECTORED INTERRUPT 0, 1, 4
44	P10/INT0	P60/KR0	60	INT2	: EXTERNAL TEST 2
43	P11/INT1	P61/KR1	59	KR0 - KR7	: KEY RETURN 0 - 7
42	P12/INT2	P62/KR2	58	MAT	: EXTERNAL COMPARE TIMING (MFT A/D MODE)
41	P13/T10	P63/KR3	57		
				P00 - P03	: PORT 0
17	P20/PT00	P70/KR4	56	P10 - P13	: PORT 1
16	P21/PT01	P71/KR5	55	P20 - P23	: PORT 2
15	P22/PCL	P72/KR6	54	P30 - P33	: PORT 3
14	P23/BUZ	P73/KR7	53	P40 - P43	: PORT 4
				P50 - P53	: PORT 5
8	P30	P80	52	P60 - P63	: PORT 6
7	P31	P81	51	P70 - P73	: PORT 7
6	P32	P82	50	P80 - P83	: PORT 8
5	P33	P83	49	P90 - P93	: PORT 9
				P100 - P103	: PORT 10
4	P40	P90	48	P110 - P113	: PORT 11
3	P41	P91	47	RESET	: RESET
2	P42	P92	46	SI	: SERIAL
1	P43	P93	45	T1 0	: TIMER 0
				X1, 2	: MAIN SYSTEM CLOCK OSCILLATION 1, 2
22	RESET	MAR/P100	21	XT1, XT2	: SUB SYSTEM CLOCK OSCILLATION 1, 2
23	X1	MAZ/P101	20		
24	X2	MAZ/P102	19	OUTPUT	
25	XT1	MAT/P103	18	BUZ	: BUZZER CLOCK
27	XT2			MAI	: INTEGRATION CONTROL (MFT A/D MODE)
				MAR	: REFERENCE INTEGRATION CONTROL (MFT A/D MODE)
				MAZ	: AUTOZERO CONTROL (MFT A/D MODE)
				PCL	: PROGRAMMABLE CLOCK
				PPO	: PROGRAMMABLE PULSE (MFT TIMER MODE)
				PT00	: PROGRAMMABLE TIMER 0
				SB 0, 1	: SERIAL BUS 0, 1
				SO	: SERIAL
				INPUT/OUTPUT	
				SCK	: SERIAL CLOCK
39	AN0/P110				
38	AN1/P111				
37	AN2/P112				
36	AN3/P113				
35	AN4				
34	AN5				
33	AN6				



UPD75048CW (NEC)

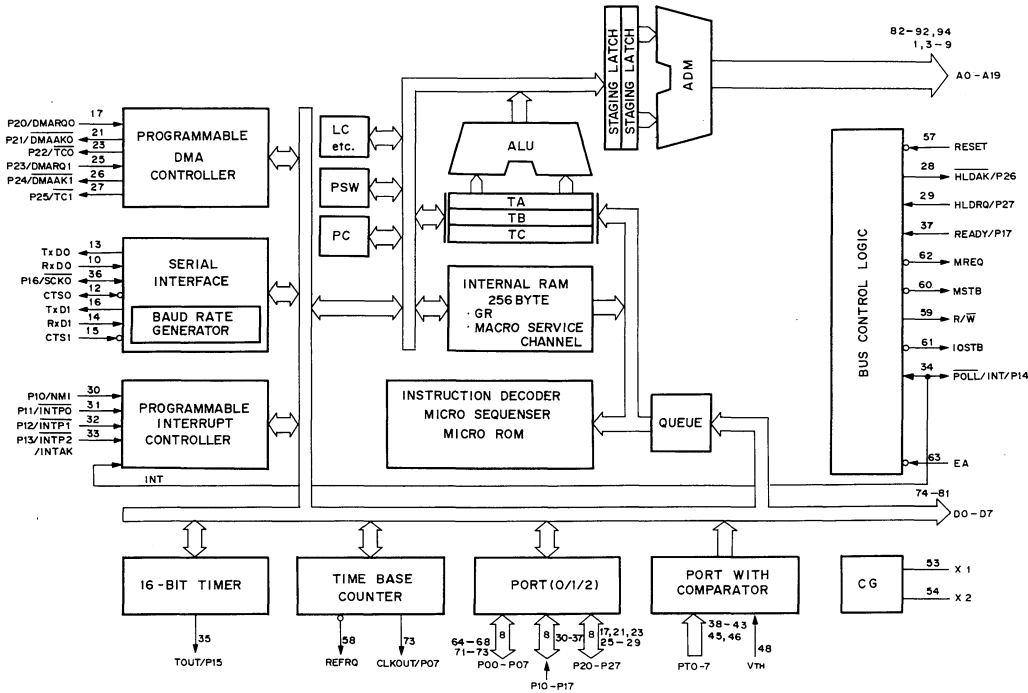
C-MOS 4-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -

UPD70320GJ-8-5BG (NEC)
C-MOS SINGLE CHIP 16/8-BIT MICROCOMPUTER
- TOP VIEW -

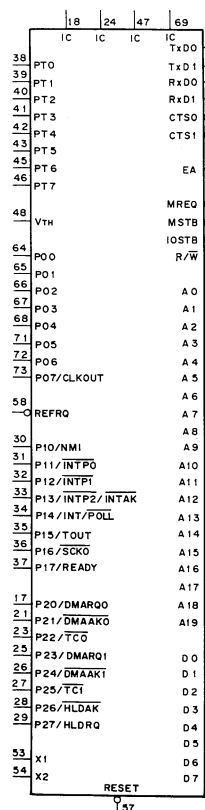


(VDD = +5V)

PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL	PIN No.	I/O	SYMBOL
1	O	A12	33	I/O	P13/INTP2/INTAK	65	I/O	P01
2	-	NC	34	I/O	P14/INT/POLL	66	I/O	P02
3	O	A13	35	I/O	P15/TOUT	67	I/O	P03
4	O	A14	36	I/O	P16/SCK0	68	I/O	P04
5	O	A15	37	I/O	P17/READY	69	-	INT.CONNECT
6	O	A16	38	I	PT0	70	-	NC
7	O	A17	39	I	PT1	71	I/O	P05
8	O	A18	40	I	PT2	72	I/O	P06
9	O	A19	41	I	PT3	73	I/O	P07/CLKOUT
10	I	RxD0	42	I	PT4	74	I/O	D0
11	-	GND	43	I	PT5	75	I/O	D1
12	I/O	CTS0	44	-	NC	76	I/O	D2
13	O	TxD0	45	I	PT6	77	I/O	D3
14	I	RxD1	46	I	PT7	78	I/O	D4
15	I	CTS1	47	-	INT.CONNECT	79	I/O	D5
16	O	TxD1	48	-	VTH	80	I/O	D6
17	I/O	P20/DMAK0	49	-	NC	81	I/O	D7
18	-	INT.CONNECT	50	-	NC	82	O	A0
19	-	VDD	51	-	GND	83	O	A1
20	-	VDD	52	-	GND	84	O	A2
21	I/O	P21/DMAK0	53	-	X1	85	O	A3
22	-	NC	54	-	X2	86	O	A4
23	I/O	P22/TC0	55	-	VDD	87	O	A5
24	-	INT.CONNECT	56	-	VDD	88	O	A6
25	I/O	P23/DMAK1	57	I	RESET	89	O	A7
26	I/O	P24/DMAK1	58	O	REFRQ	90	O	A8
27	I/O	P25/TC1	59	O	R/W	91	O	A9
28	I/O	P26/HLDK	60	O	MSTB	92	O	A10
29	I/O	P27/HLDK	61	O	IOSTB	93	-	NC
30	I	P10/NMI	62	O	MREQ	94	O	A11
31	I	P11/INTP0	63	I	EA			
32	I	P12/INTP1	64	I/O	P00			



CXA1727Q (SONY)

ID ADDER/DETECTOR FOR WIDE TV SIGNAL
- TOP VIEW -

INPUT

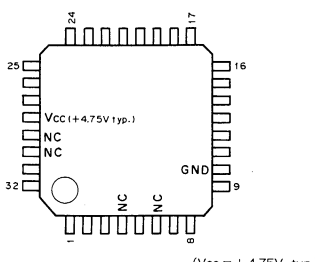
DMARQ0 : DMA REQUEST CH0, CH1 INPUTS
DMARQ1 : ROM-LESS MODE SET INPUT
EA : HOLD REQUEST INPUT
HLDREQ : INTERRUPT REQUEST INPUTS
INTP0, INTP1 : INTERRUPT REQUEST INPUT
INTP2 : INTERRUPT REQUEST INPUT
INT/POLL : NON-MASKABLE INTERRUPT INPUT
NMI : PORT 0 INPUTS
PT0 - PT7 : READY INPUT
RESET : RESET INPUT
RXD0, RXD1 : SERIAL DATA INPUTS
VTH : REF. V FOR COMPARATOR INPUT
X1, X2 : CRYSTAL 1, 2

OUTPUT

A0 - A19 : ADDRESS BUS OUTPUTS
CLKOUT : SYSTEM CLOCK OUTPUT
DMAAK0 : DMA ACKNOWLEDGE CH0, CH1 OUTPUTS
DMAAK1 : HOLD ACKNOWLEDGE OUTPUT
INTAK : INTERRUPT ACKNOWLEDGE OUTPUT
IOSTB : I/O READ/WRITE STROBE OUTPUT
MREQ : MEMORY REQUEST OUTPUT
MSTB : MEMORY READ/WRITE STROBE OUTPUT
REFRQ : REFRESH REQUEST OUTPUT
R/W : READ AND WRITE CYCLE OUTPUT
SCKO : SERIAL CLOCK OUTPUT
TC0, TC1 : DMA (CH0/CH1) ENDING OUTPUTS
TOUT : TIMER OUTPUT
TXD0, TXD1 : SERIAL DATA OUTPUTS

INPUT/OUTPUT

CTS0, CTS1 : CLEAR TO SEND INPUT/OUTPUT
D0 - D7 : DATA BUS INPUTS/OUTPUTS
P00 - P07 : PORT 0 INPUTS/OUTPUTS
P10 - P17 : PORT 1 INPUTS/OUTPUTS
P20 - P27 : PORT 2 INPUTS/OUTPUTS



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	CSYNC	17	I	DATA
2	I	VLPFIN	18	I	WE
3	I	VSBLKIN	19	O	LFPFOUT
4	-	NC	20	I	TRAP
5	O	CURRENT	21	O	RPOUT
6	-	NC	22	I	GAINSEL
7	O	VIDEOOUT	23	I	RPSEL
8	O	YOUT	24	I	RECIN
9	I	GAIN	25	I	YIN
10	-	GND	26	O	YSIG
11	O	VSOUT	27	I	VIDEOIN
12	O	HSOUT	28	-	Vcc
13	O	VCLPF	29	-	NC
14	O	YCLPF	30	-	NC
15	O	DATAL	31	I	VSIN
16	O	DATAH	32	I	HSIN

INPUT

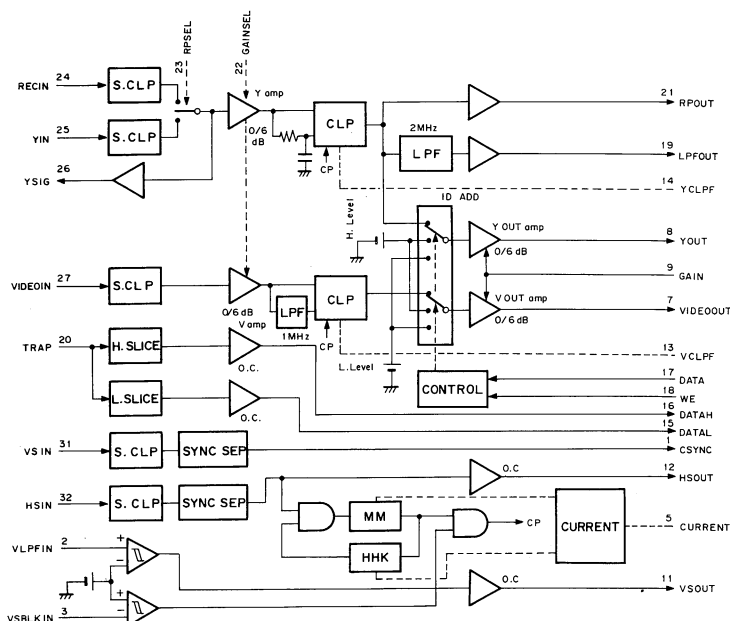
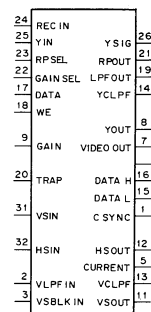
DATA : ID DATA
GAIN : VIDEO/Y OUT AMP GAIN SELECT
GAINSEL : Y AMP GAIN SELECT
HSIN : H SYNC SEP.
RECIN : REC Y
RPSEL : Y R/P SELECT
TRAP : TRAPPED Y
VIDEOIN : VIDEO
VLPFIN : LOW-PASSED CSYNC
VSBLKIN : LOW-PASSED CSYNC
VSIN : V SYNC SEP.
WE : ID WRITE ENABLE
YIN : PB Y

OUTPUT

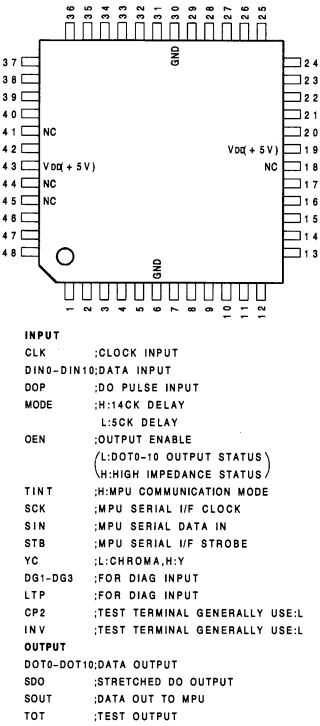
CSYNC : COMPOSITE SYNC
DATAH : Y LEVEL HIGH
DATAL : Y LEVEL LOW
HSOUT : H SYNC
LFPFOUT : LOW-PASSED Y
RPOUT : R/P Y
VIDEOOUT : VIDEO
VSOUT : V SYNC
YOUT : Y MAIN
YSIG : R/P SELECTED Y

OTHER

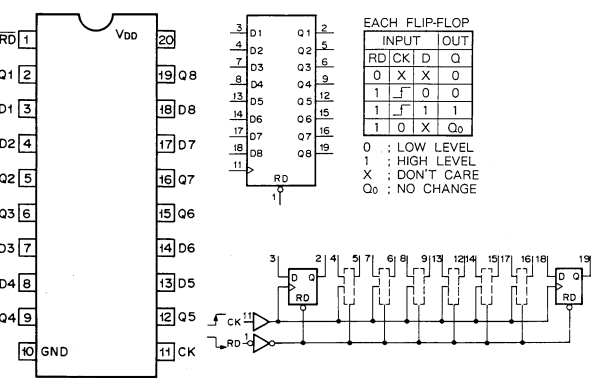
CURRENT : REF CURRENT RESISTOR
VCLPF : CAPACITOR FOR VIDEO CLAMP
YCLPF : CAPACITOR FOR Y CLAMP



CXD101-106Q (SONY)
C-MOS DIGITAL DELAY LINE
- TOP VIEW -



SN74HC273ANS (TI) FLAT PACKAGE
C-MOS OCTAL D-TYPE FLIP-FLOPS WITH RESET
- TOP VIEW -

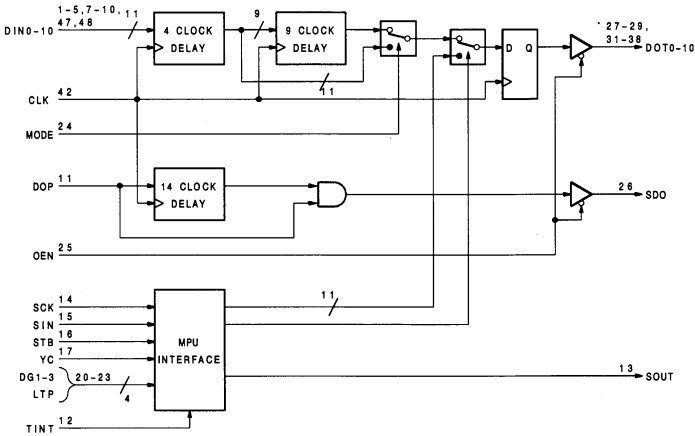


NOTE:

TYPE	V _{DD}
AC	+2 to +6V
HC	+2 to +5.5V

(V_{DD} = +5V)


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	DIN0	13	O	SOUT	25	I	OEN	37	O	DOT10
2	I	DIN1	14	I	SCK	26	O	SDO	38	O	DOT9
3	I	DIN2	15	I	SIN	27	O	DOT8	39	I	INV
4	I	DIN3	16	I	STB	28	O	DOT7	40	I	CP2
5	I	DIN4	17	I	YC	29	O	DOT6	41	-	NC
6	-	GND	18	-	NC	30	-	GND	42	I	CLK
7	I	DIN5	19	-	VDD	31	O	DOT5	43	-	VDD
8	I	DIN6	20	I	LTP	32	O	DOT4	44	-	NC
9	I	DIN7	21	I	DG1	33	O	DOT3	45	-	NC
10	I	DIN8	22	I	DG2	34	O	DOT2	46	O	TOT
11	I	DOP	23	I	DG3	35	O	DOT1	47	I	DIN9
12	I	TINT	24	I	MODE	36	O	DOT0	48	I	DIN10




SECTION 18

REPLACEABLE PARTS AND OPTIONAL FIXTURES

18-1. NOTES ON REPAIR PARTS

- (1) Safety Related Components Warning
- Components marked with  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose part numbers appear in this manual or in service bulletin and service manual supplements published by Sony.
- (2) Standardization of Parts
- Repair parts supplied from Sony Parts Center may not be always identical with the parts which actually in use due to “accommodating the improved parts and/or engineering changes” or “standardization of genuine parts”. This manual’s exploded views and electrical spare parts list are indicating the part numbers of “the standardized genuine parts at present”.
- (3) Stock of Parts
- Parts marked with “o” SP (Supply Code) column of the spare parts list are not normally required for routine service work. Orders for parts marked with “o” will be processed, but allow for additional delivery time.
- (4) Units for Capacitors, Indictors and Resistors
- The following units are assumed in schematic diagrams, electrical parts list and exploded views unless otherwise specified.
- Capacitors : μ F
- Inductors : μ H
- Resistors : Ω
- (5) Tension Spring
- ($\times \times$ T) after a tension spring is shown on the parts list in order to indicate the number of spring turns required for the use.
- (Example) TENSION, SPRING (20 T) :
- This spring must be cut at its 20th turn for actual use.

18-1. 補修用部品注意事項

- (1) 安全重要部品
- 回路図、分解図、電気部品表中、 印の部品は安全性を維持するために重要な部品です。従ってこれらの部品を交換するときには必ず指定の部品と交換して下さい。
- (2) 部品の共通化
- ソニーから供給される部品は、セットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。
- 分解図や電気部品表には現時点での共通化された部品が記載されています。
- (3) 部品の在庫
- 部品表のSP (Supply code) 欄に“o”で示される部品は交換頻度が低い部品ですので在庫していないことがあり、納期が長くなることがあります。
- (4) コンデンサー、インダクター、抵抗の単位
- 回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。
- コンデンサー : μ F
- インダクター : μ H
- 抵抗 : Ω
- (5) 引張コイルバネ
- 部品表中の引張コイルバネの名称のあとの($\times \times$ T)は、使用時の巻数を示しています。
- (例) TENSION、SPRING (20 T)
- 巻数が20になるように切断し、使用する。

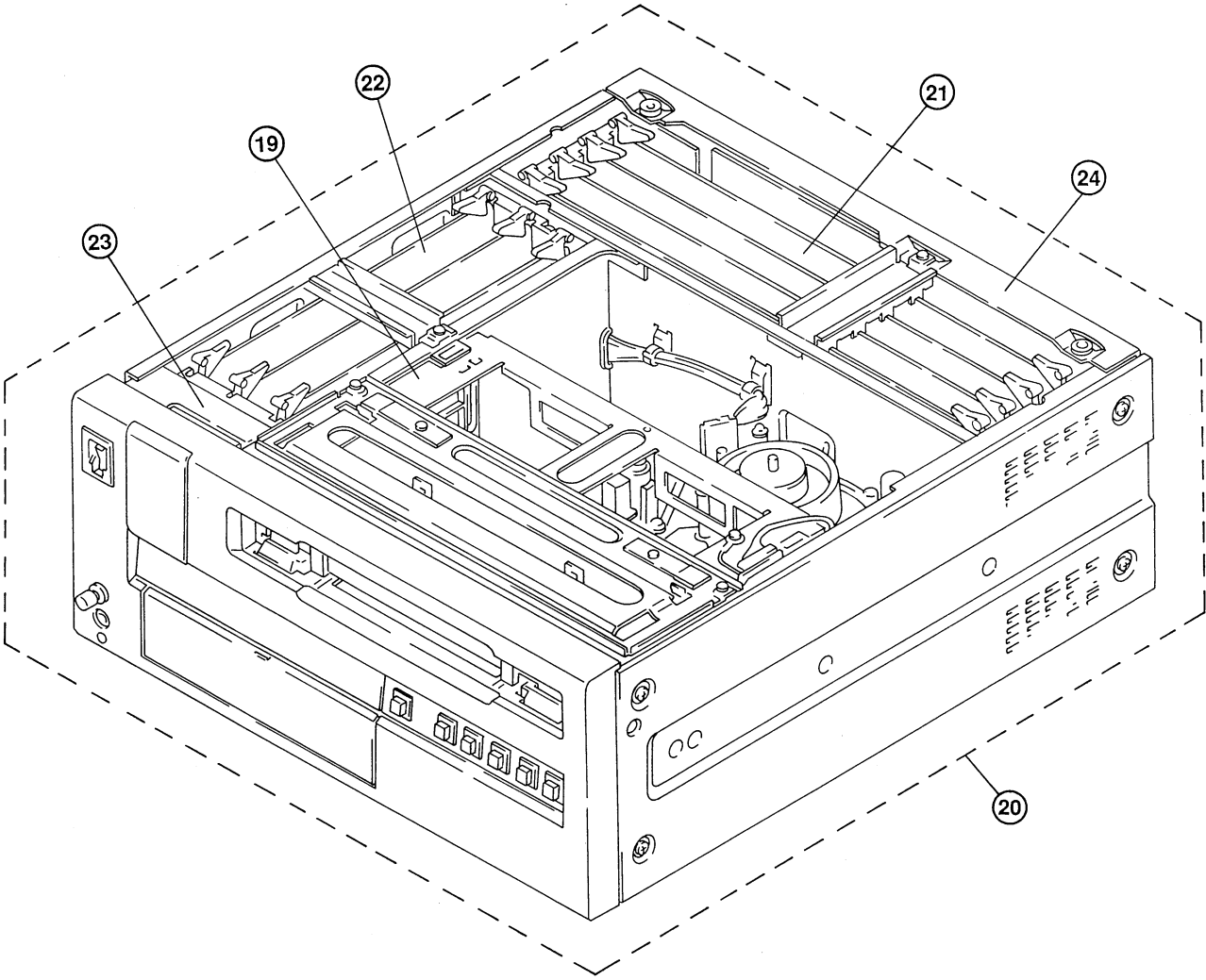
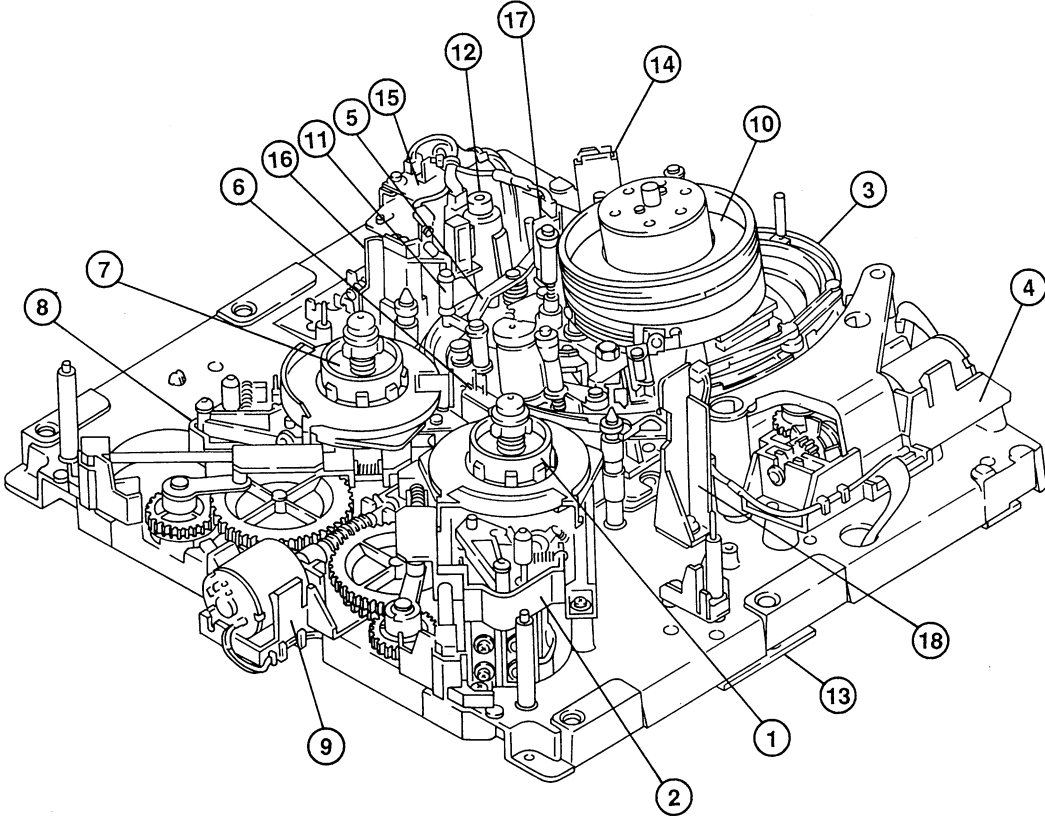
18-2. EXPLODED VIEWS

Index of Main Mechanical Parts/Components

Mark	Item	Title	Page
① ②	Reel Table Block (T) RS Table (T) Block	REEL CHASSIS (1)	18-4
③ ④ ⑤	Loarding Ring Block Gear Box Block Cleaning Roller Block	LOADING RING	18-6
⑥ ⑦ ⑧ ⑨	MC Block Reel Table Block (S) RS Table (S) Block LS Motor Block	REEL CHASSIS (2)	18-8
⑩ ⑪ ⑫	Head Drum Tension Regulator Block Capstan Motor	DRUM & TENSION REGULATOR ASSEMBLY	18-10
⑬	DR-214 Board	DR-214 BOARD ASSEMBLY	18-12
⑭ ⑮ ⑯ ⑰ ⑱	AT Head (R) Block Pinch Press Block FE Head Block CTL Head Block T Sensor Block	PRESS ASSY, PINCH	18-14
⑲	Cassette Compartment	CASSETTE COMPARTMENT ASSEMBLY	18-16
⑳	Upper Lid Bottom Plate Cabinet (right) Cabinet (left)	CHASSIS & ORNAMENTAL PANEL BLOCK	18-18
㉑	Printed Circuit Boards	CARD RACK BLOCK (1)	18-20
㉒	Printed Circuit Boards	CARD RACK BLOCK (2)	18-22
㉓	SC Guide Block Indicator Tube Module, Fluoresce	CHASSIS BLOCK	18-24
㉔	Connector Panel	CONNECTOR PANEL BLOCK	18-26

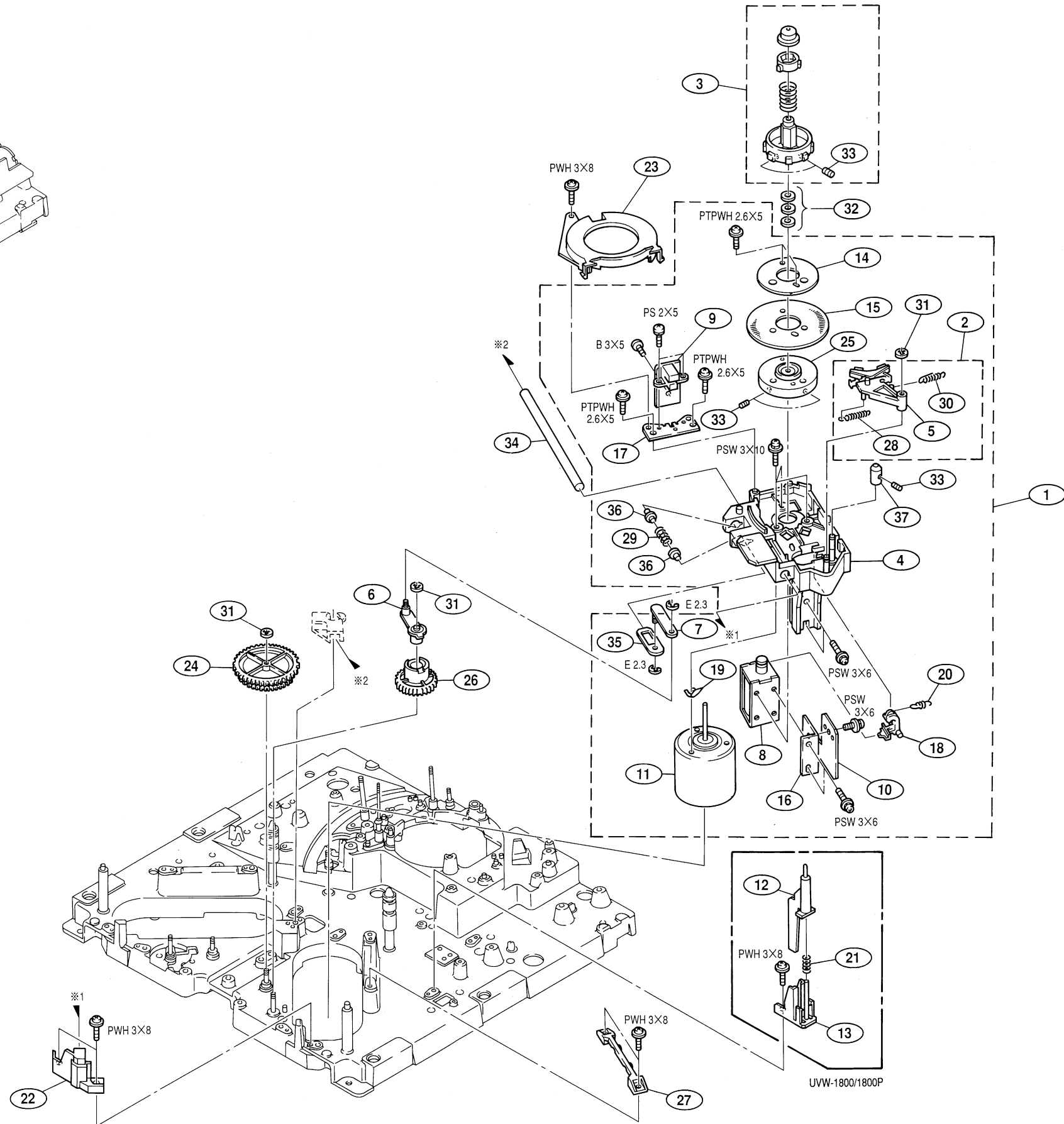
MECHANICAL DECK

OVERALL BLOCK



REEL CHASSIS (1)

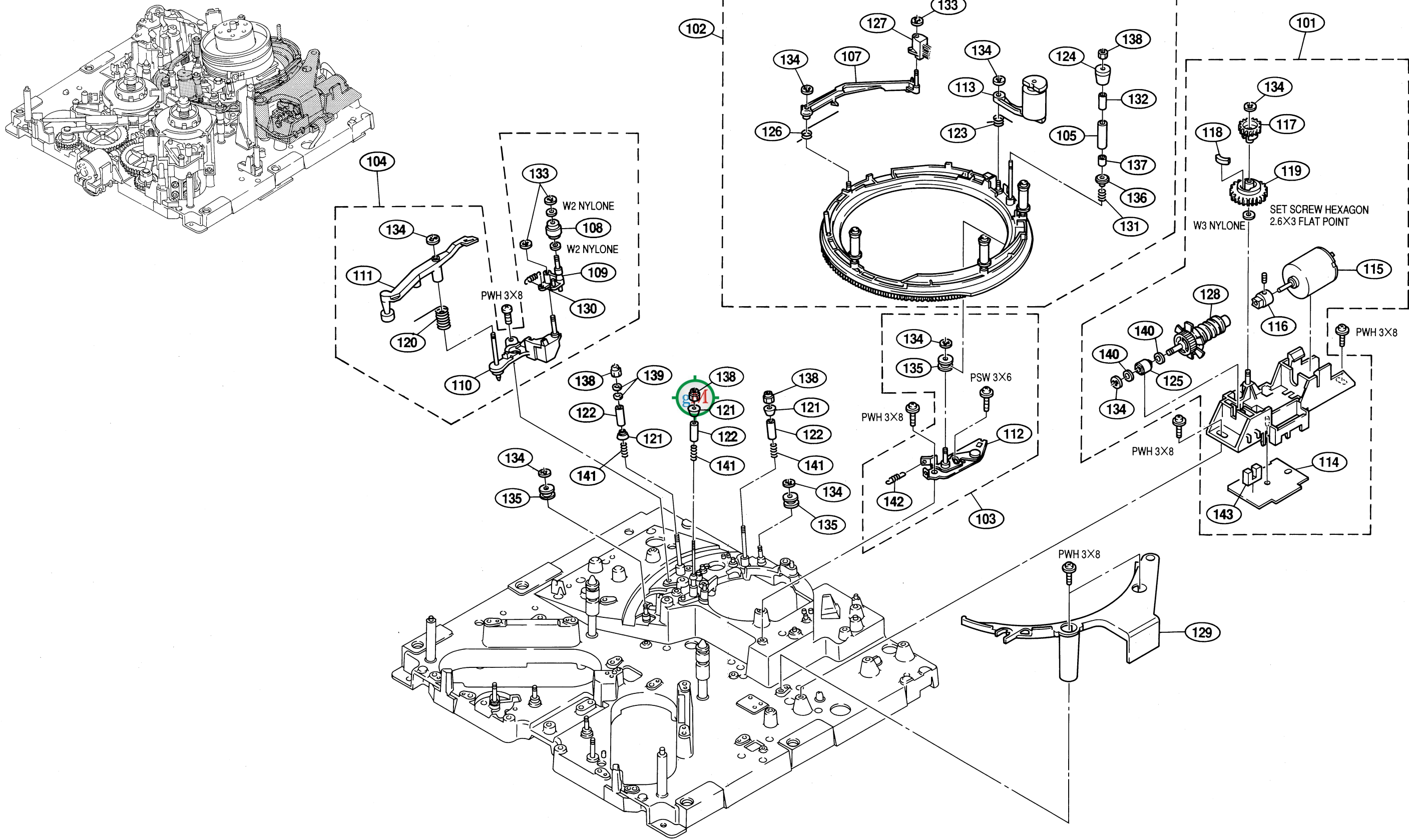
REEL CHASSIS (1)



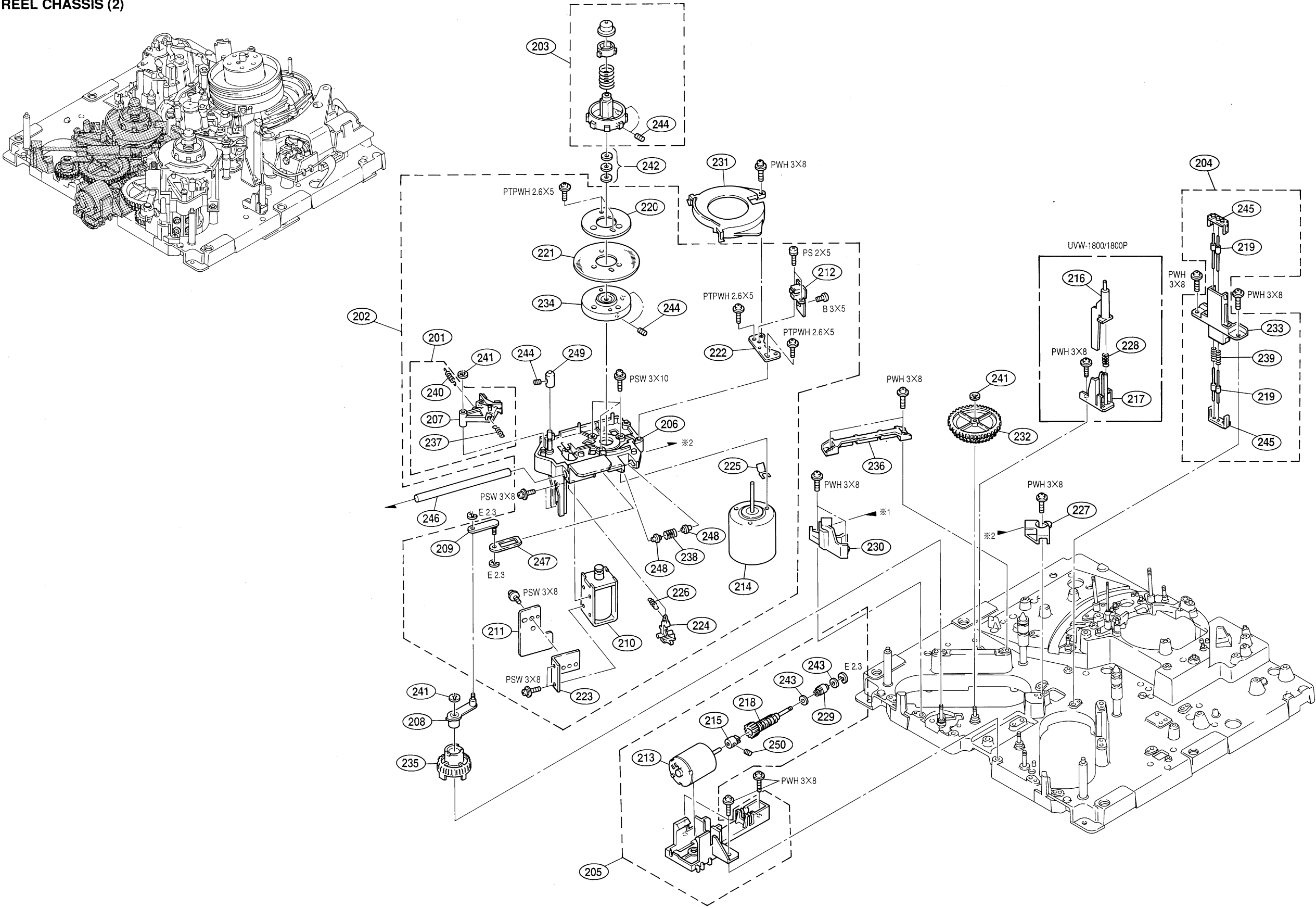
No.	Part No.	SP	Description
1	A-8267-684-E	s	TABLE (T) ASSY, RS
2	A-8267-685-C	s	BRAKE ASSY
3	A-8267-690-B	s	TABLE ASSY, REEL
4	X-3167-230-3	o	PLATE (T) ASSY, REEL MOTOR
5	X-3167-231-3	s	LINING ASSY
6	X-3717-202-3	o	ARM ASSY, CRANK
7	X-3717-204-1	o	ARM (B) ASSY, CRANK
8	1-454-417-41	s	SOLENOID, PLUNGER
9	1-648-923-11	o	SE-207 BOARD
10	1-648-924-11	o	RM-126 BOARD
11	1-698-231-12	s	MOTOR, DC (REEL)
12	3-180-745-01	o	LEVER, MR (UVW-1800/1800P)
13	3-180-746-01	o	HOLDER, MR (UVW-1800/1800P)
14	3-182-279-02	o	RETAINER, DISK
15	3-182-280-02	o	DISK, REEL
16	3-182-281-01	o	SHEET METAL (T), RM FITTING
17	3-182-282-01	o	SHEET METAL, SENSOR FITTING
18	3-182-284-03	o	ARM, BRAKE RELEASE
19	3-182-285-01	s	SPACER (0.02T)
19	3-182-285-11	s	SPACER (0.05T)
20	3-182-286-03	s	SPRING, TENSION
21	3-182-295-01	o	SPRING, COMPRESSION (UVW-1800/1800P)
22	3-182-367-01	o	RETAINER (T), SHAFT
23	3-182-368-01	o	COVER, REEL
24	3-182-369-01	s	WHEEL, WORM
25	3-182-375-03	o	DISK HUB, REEL
26	3-182-382-01	s	GEAR (T), CRANK
27	3-182-402-01	o	GUIDE, PLATE
28	3-307-381-00	s	SPRING, TENSION
29	3-491-247-00	s	SPRING, COMPRESSION
30	3-648-217-00	o	SPRING, TENSION
31	3-669-596-01	s	WASHER (2.3), STOPPER
32	3-701-439-01	s	WASHER, POLY 3MM DIA 0.13T
32	3-701-439-11	s	WASHER, POLY 3MM DIA 0.25T
32	3-701-439-21	s	WASHER, POLY 3MM DIA 0.5T
33	3-701-506-01	s	SET SCREW, DOUBLE POINT 3×4
34	3-717-223-01	s	SHAFT, SLIDE
35	3-717-230-01	o	BRACKET, LIMITER
36	3-717-231-01	o	HOLDER, LIMITER
37	3-717-266-01	o	CAP (S), CG SHAFT

No.	Part No.	SP	Description
101	A-8267-680-B	s	BOX ASSY, GEAR
102	A-8267-681-C	o	RING ASSY, LOADING
103	A-8267-683-A	o	ROLLER ASSY, ADJUSTMENT RING
104	A-8267-699-C	o	ROLLER ASSY, CLEANING
105	X-3167-224-1	s	ROLLER ASSY, PRECEDING
106	X-3167-225-1	s	ROLLER ASSY, GUIDE
107	X-3167-226-1	s	ARM ASSY, AT CLEANER
108	X-3167-232-1	s	ROLLER ASSY, C
109	X-3167-233-2	o	ARM ASSY, C MAIN
110	X-3167-234-1	o	DECK ASSY, C
111	X-3167-235-4	o	ARM ASSY, DRIVING
112	X-3167-236-1	o	ROLLER (B) ASSY, RING
113	X-3717-215-3	s	ARM ASSY, PINCH ROLLER
114	1-648-922-11	o	PTC-67 BOARD
115	1-698-152-11	s	MOTOR, DC (SVD-1449)
116	3-171-423-02	o	JOINT, MOTOR
117	3-180-036-01	s	GEAR, LIMITER
118	3-183-653-02	s	RUBBER, LIMITER
119	3-182-242-01	o	WHEEL, WORM
120	3-182-276-01	o	SPRING, DRIVING
121	3-182-293-01	s	FLANGE, GUIDE
122	3-182-294-01	s	GUIDE, TAPE
123	3-182-346-02	s	SPRING, PINCH ARM
124	3-182-347-01	s	FLANGE, PRECEDING UPPER
125	3-182-349-01	o	RETAINER, SHAFT
126	3-182-350-02	s	SPRING, CLEANER ARM
127	3-182-389-02	s	CLEANER, AT
128	3-182-390-01	o	GEAR, WORM
129	3-182-453-01	o	GUIDE, P
130	3-533-373-21	s	SPRING, TENSION
131	3-549-887-00	s	SPRING, COIL, COMPRISION
132	3-657-841-71	s	SPACER (2X6.5)
133	3-669-465-00	s	WASHER (1.5), STOPPER
134	3-669-596-01	s	WASHER (2.3), STOPPER
135	3-675-866-00	s	ROLLER, RING
136	3-680-812-00	s	FLANGE, LOWER
137	3-682-166-21	s	SPACER DIA 2
138	3-698-829-01	s	NUT (M2)
139	3-701-437-11	s	WASHER POLY, 2MM DIA 0.25T
140	3-701-439-21	s	WASHER POLY, 3MM DIA 0.5T
141	3-721-333-01	s	SPRING, COMPRESSION
142	4-602-490-00	o	SPRING, TENSION
143	8-719-939-05	s	PHOTO INTERR PTER GP1S54

LOADING RING



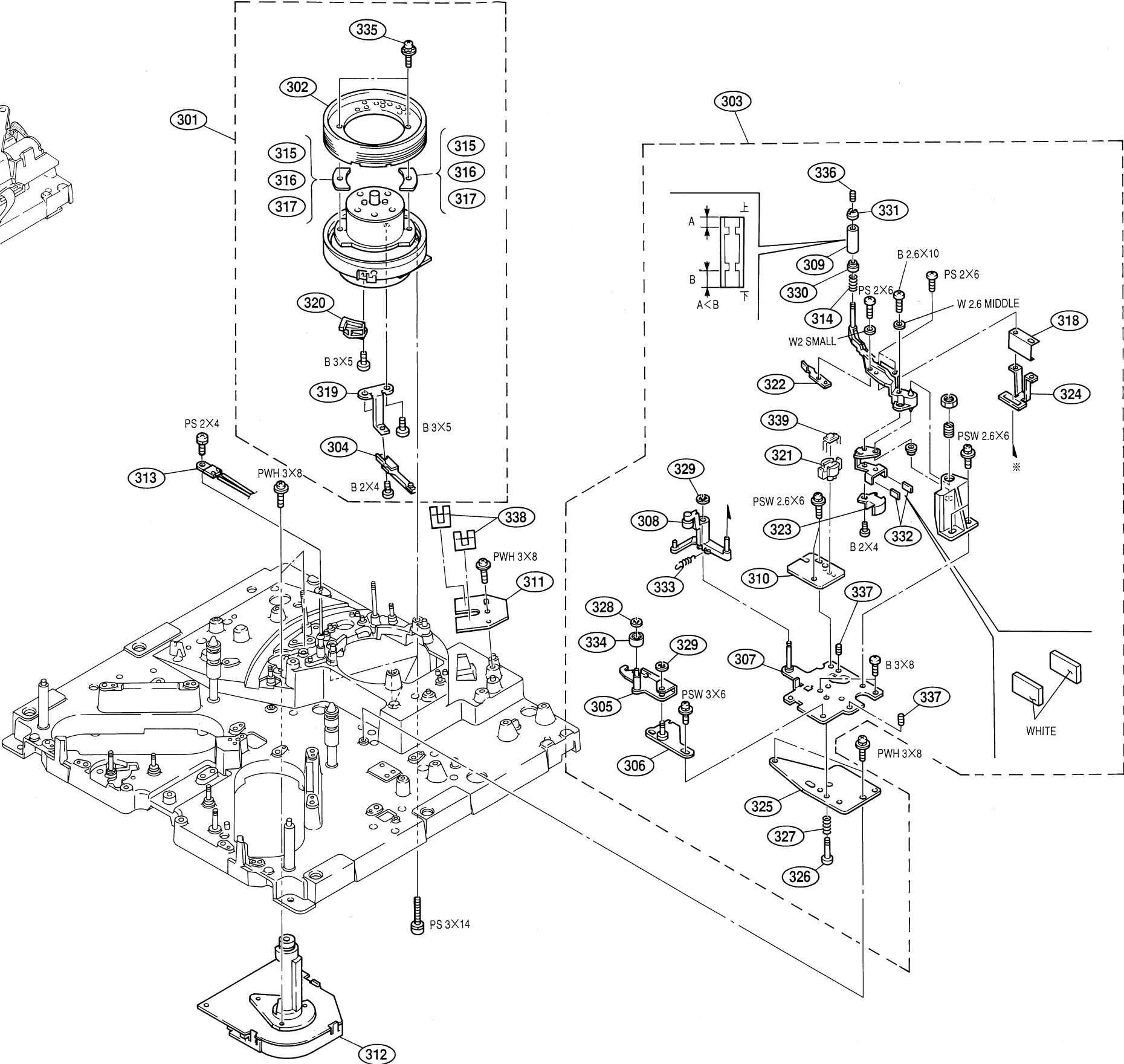
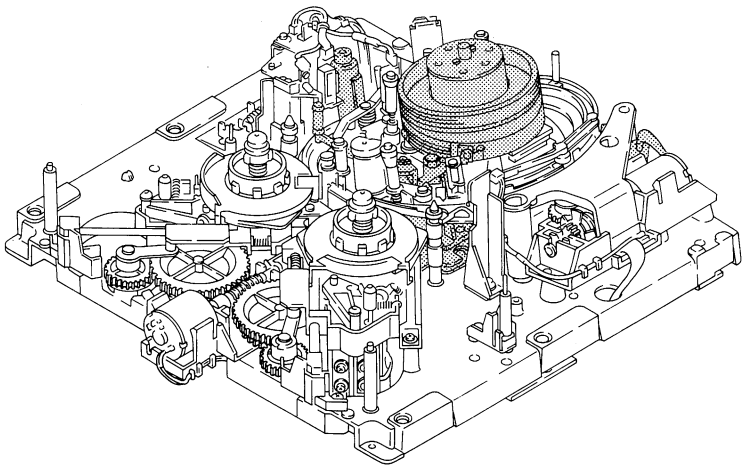
REEL CHASSIS (2)



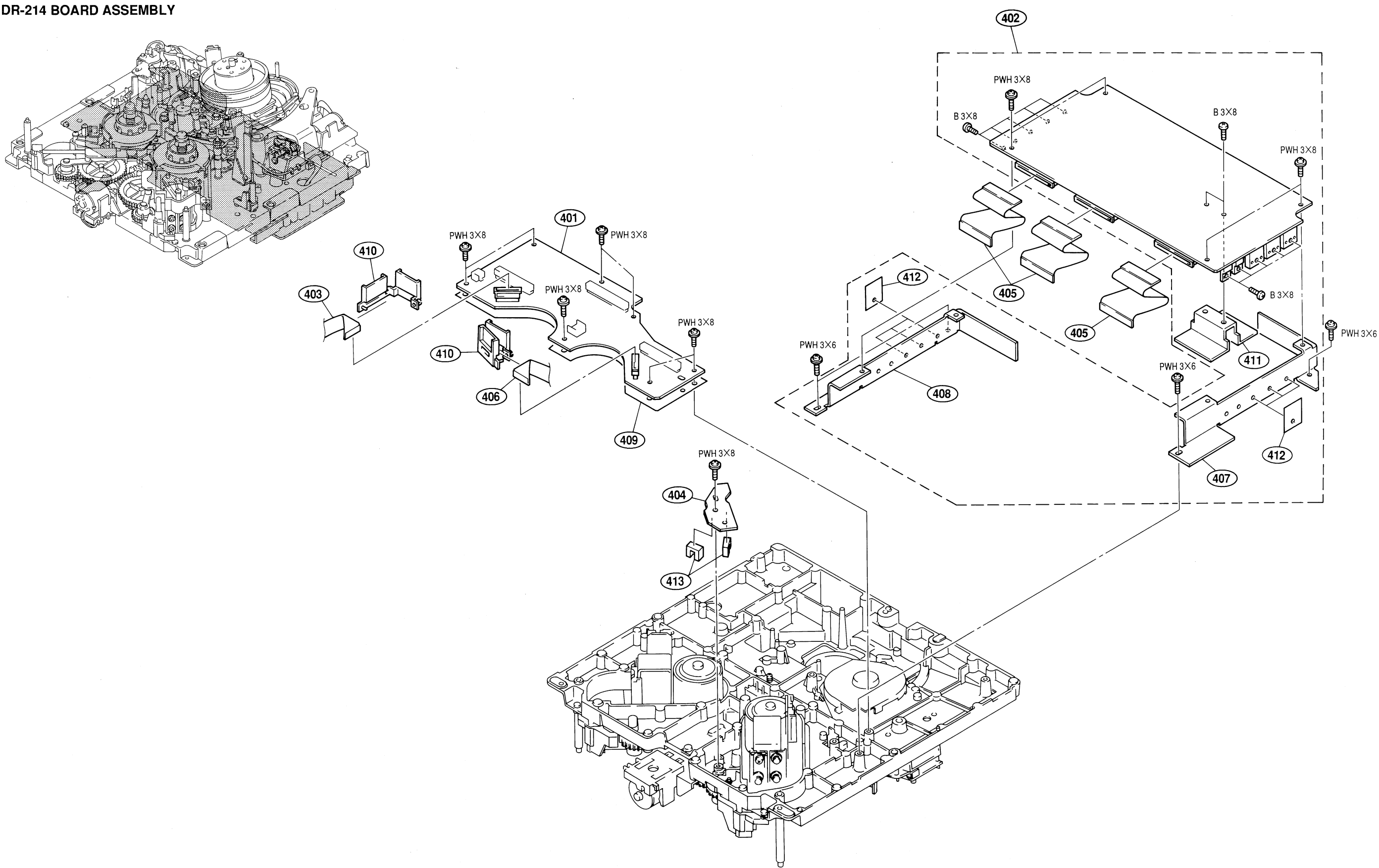
No.	Part No.	SP	Description
201	A-8267-685-C	s	BRAKE ASSY
202	A-8267-688-E	s	TABLE (S) ASSY, RS
203	A-8267-690-B	s	TABLE ASSY, REEL
204	A-8267-691-A	s	MC ASSY
205	A-8267-698-A	o	MOTOR ASSY, LS
206	X-3167-229-3	o	PLATE (S) ASSY, REEL MOTOR
207	X-3167-231-3	s	LINING ASSY
208	X-3717-202-3	o	ARM ASSY, CRANK
209	X-3717-204-1	o	ARM (B) ASSY, CRANK
210	1-454-417-41	s	SOLENOID, PLUNGER
211	1-648-925-11	o	RM-127 BOARD
212	1-648-923-11	o	SE-207 BOARD
213	1-698-152-11	s	MOTOR, DC (SVD-1449)
214	1-698-231-12	s	MOTOR, DC (REEL)
215	3-171-423-02	o	JOINT, MOTOR
216	3-180-745-01	o	LEVER, MR (UVW-1800/1800P)
217	3-180-746-01	o	HOLDER, MR (UVW-1800/1800P)
218	3-182-266-01	o	WORM
219	3-182-277-01	o	PIN, MC
220	3-182-279-02	o	RETAINER, DISK
221	3-182-280-02	o	DISK, REEL
222	3-182-282-01	o	SHEET METAL, SENSOR FITTING
223	3-182-283-01	o	SHEET METAL, (S) RM FITTING
224	3-182-284-03	o	ARM, BRAKE RELEASE
225	3-182-285-01	s	SPACER
225	3-182-285-11	s	SPACER
226	3-182-286-01	s	SPRING, TENSION
227	3-182-292-01	o	RETAINER (ST), SHAFT
228	3-182-295-01	o	SPRING, COMPRESSION (UVW-1800/1800P)
229	3-182-349-01	o	RETAINER, SHAFT
230	3-182-366-01	o	RETAINER (S), SHAFT
231	3-182-368-01	o	COVER, REEL
232	3-182-369-01	s	WHEEL, WORM
233	3-182-372-01	o	HOLDER, MC
234	3-182-375-03	o	DISK HUB, REEL
235	3-182-383-01	s	GEAR (S), CRANK
236	3-182-402-01	o	GUIDE, PLATE
237	3-307-381-00	s	SPRING, TENSION
238	3-491-247-00	s	SPRING, COMPRESSION
239	3-554-202-00	o	SPRING, COMPRESSION
240	3-648-217-00	o	SPRING, TENSION
241	3-669-596-01	s	WASHER (2.3), STOPPER
242	3-701-439-01	s	WASHER POLY 3MM DIA, 0.13T
242	3-701-439-11	s	WASHER POLY 3MM DIA, 0.25T
242	3-701-439-21	s	WASHER POLY 3MM DIA, 0.5T
243	3-701-439-21	s	WASHER POLY 3MM DIA, 0.5T
244	3-701-506-01	s	SET SCREW, DOUBLE POINT 3×4
245	3-717-207-01	s	COVER, M/C DETECTION HOLDER
246	3-717-223-01	s	SHAFT, SLIDE
247	3-717-230-01	o	BRACKET, LIMITER
248	3-717-231-01	o	HOLDER, LIMITER
249	3-717-266-01	o	CAP (S), CG SHAFT
250	7-621-734-09	s	SET SCREW, DOUBLE POINT 2.6×3

No.	Part No.	SP	Description
301	A-8260-972-A	s	HEAD DRUM ASSY, DBH-39A-R (UVW-1800)
301	A-8260-976-A	s	HEAD DRUM ASSY, DBH-41A-R (UVW-1600)
301	A-8260-974-A	s	HEAD DRUM ASSY, DBH-40A-R (UVW-1800P)
301	A-8260-978-A	s	HEAD DRUM ASSY, DBH-42A-R (UVW-1600P)
302	A-8260-973-A	s	UPPER DRUM ASSY, DBR-39-R (UVW-1800)
302	A-8260-977-A	s	UPPER DRUM ASSY, DBR-41-R (UVW-1600)
302	A-8260-975-A	s	UPPER DRUM ASSY, DBR-40-R (UVW-1800P)
302	A-8260-979-A	s	UPPER DRUM ASSY, DBR-42-R (UVW-1600P)
303	A-8267-693-A	s	TENSION REGULATOR ASSY
304	X-3166-376-1	s	GROUND ASSY, SHAFT
305	X-3167-218-1	o	HOOK ASSY, TR
306	X-3167-219-1	o	BASE ASSY, TR HOOK
307	X-3167-220-1	o	PLATE, ADJUSTMENT ASSY, TR
308	X-3167-241-1	s	ARM ASSY, RETURN
309	X-3675-851-0	s	ROLLER ASSY, TR
310	1-648-921-11	o	TR-84 BOARD
311	1-648-927-11	o	PTC-68 BOARD
312	1-698-179-11	s	MOTOR, DC (CAPSTAN)
313	1-810-381-11	s	SENSOR, DEW CONDENSATION
314	2-618-901-00	s	SPRING
315	3-171-234-01	s	SPACER, FLANGE 0.01T
316	3-171-234-11	s	SPACER, FLANGE 0.03T
317	3-171-234-21	s	SPACER, FLANGE 0.05T
318	3-171-579-02	o	SPRING,LEAF, TENSION REGULATOR
319	3-182-216-01	o	BRACKET, GROUND
320	3-171-326-01	o	BRACKET (B) , TAPE
321	3-182-257-02	s	HOLDER, DME
322	3-182-274-01	o	PLATE, ADJUSTMENT, RETURN
323	3-182-275-01	o	COVER, MAGNET
324	3-182-288-01	o	PROTECTOR
325	3-182-289-01	o	BASE, TR
326	3-437-173-02	o	SCREW, HEAD ADJUSTING
327	3-653-350-00	s	SPRING, COMPRESSION
328	3-669-465-00	s	WASHER (1.5), STOPPER
329	3-669-596-01	s	WASHER (2.3), STOPPER
330	3-677-749-03	s	RETAINER, B
331	3-677-752-00	s	NUT, ADJUSTMENT, T
332	3-680-828-00	o	MAGNET
333	3-680-860-01	s	SPRING, TENSION(POWER TENSION)
334	3-717-253-01	s	ROLLER
335	3-729-125-01	o	SCREW (M2.6×8)
336	7-621-731-08	s	SET SCREW, FLAT POINT 2×2.5
337	7-682-176-21	s	SET SCREW, SLOT CONE POINT 3×6
338	8-759-057-48	s	PHOTO REFLECTOR NJL5803K-F10
339	8-745-001-07	s	DM-230-1

DRUM & TENSION REGULATOR ASSEMBLY



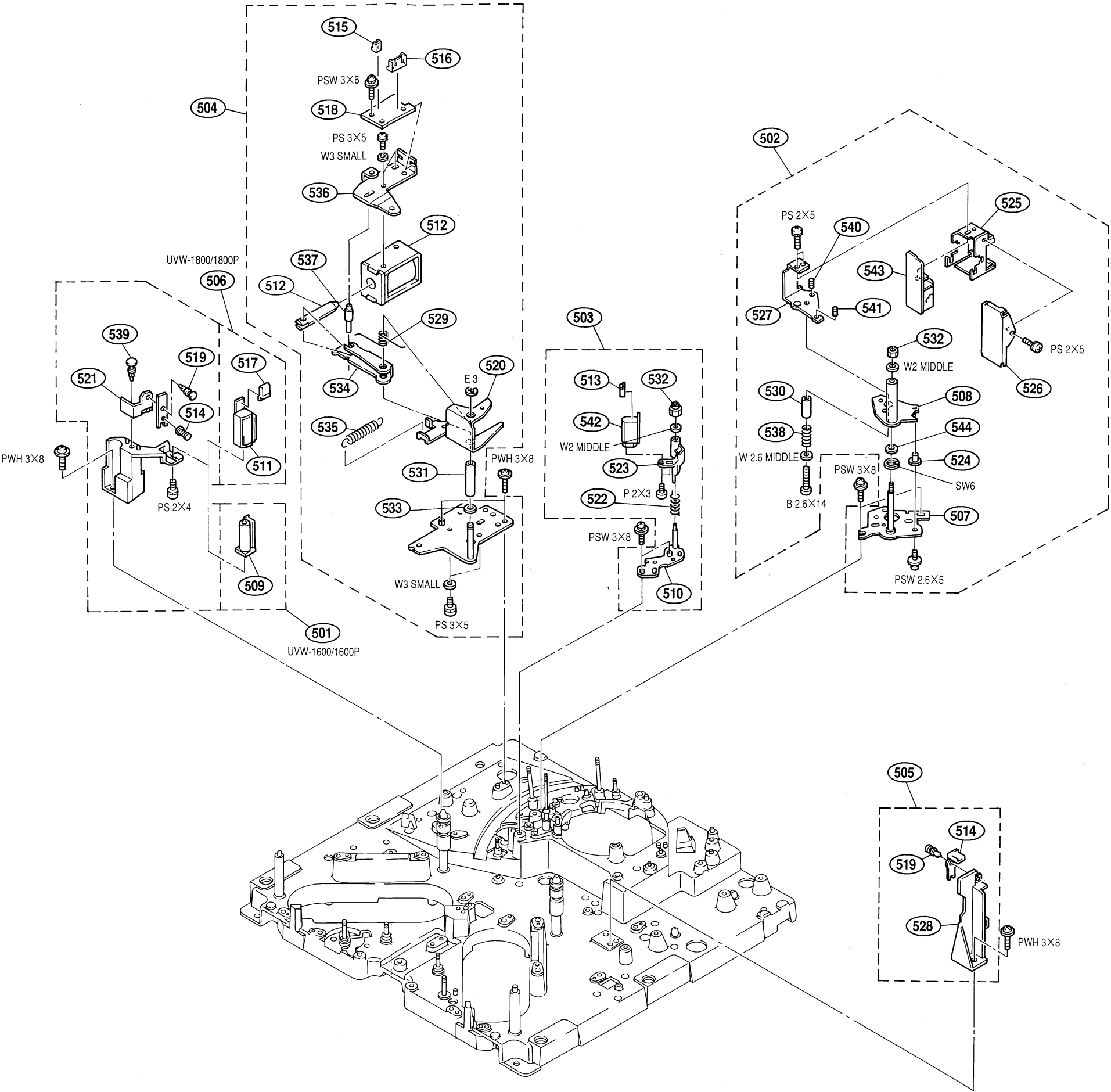
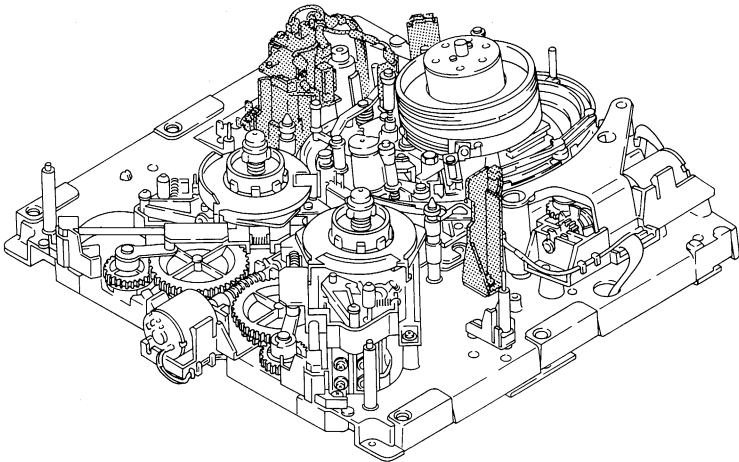
DR-214 BOARD ASSEMBLY



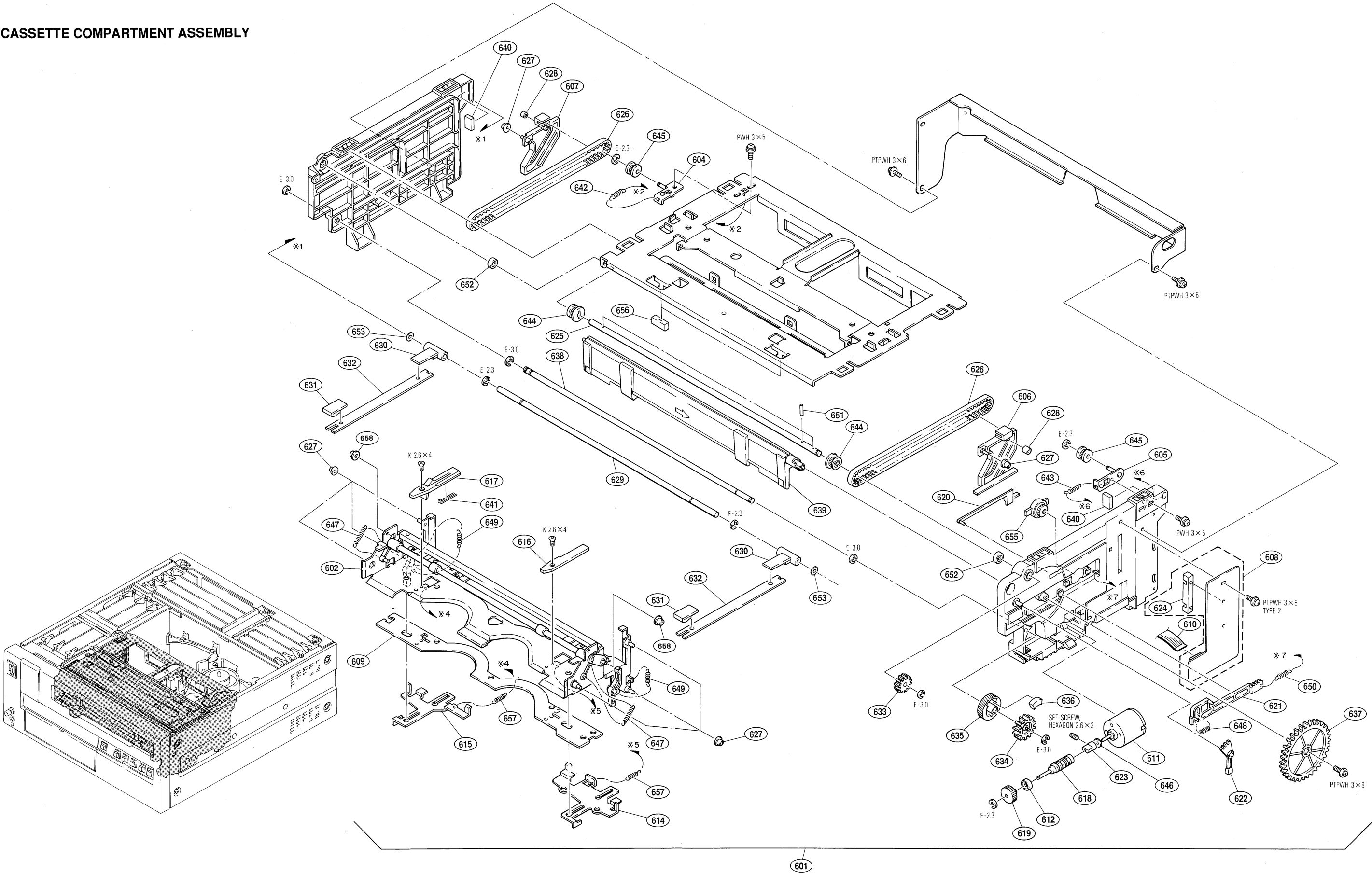
No.	Part No.	SP	Description
401	A-8275-288-A	o	COMPLETE PCB, MS-39A (UVW-1600/1600P)
401	A-8275-291-A	o	COMPLETE PCB, MS-39 (UVW-1800/1800P)
402	A-8275-290-A	o	COMPLETE PCB, DR-214
403	1-558-261-31	s	WIRE, FLEXIBLE CARD
404	1-648-926-11	o	PTC-66 BOARD
405	1-751-633-11	s	WIRE, FLEXIBLE CARD
406	1-751-634-11	s	WIRE, FLEXIBLE CARD
407	3-182-357-01	o	HEAT SINK (L), DR
408	3-182-358-01	o	HEAT SINK (R), DR
409	3-182-400-01	o	SHEET, MS
410	3-182-401-02	o	HOLDER, FLAT CABLE
411	3-183-144-01	o	HEAT SINK (D), DR
412	4-911-232-01	s	SHEET INSULATING
413	8-719-939-05	s	PHOTO INTERRUPTER GP1S54

No.	Part No.	SP	Description
501	A-8267-676-A	o	BLADE ASSY (UVW-1600/1600P)
502	A-8267-677-B	s	HEAD (P) ASSY, AT (UVW-1600/1600P)
502	A-8267-682-B	s	HEAD (R) ASSY, AT (UVW-1800/1800P)
503	A-8267-694-A	s	HEAD ASSY, CTL
504	A-8267-695-A	s	PRESS ASSY, PINCH
505	A-8267-696-A	o	SENSOR ASSY, T
506	A-8267-697-A	o	HEAD ASSY, FE (UVW-1800/1800P)
507	X-3167-210-2	o	SUPPORT (P) ASSY, AT (UVW-1600/1600P)
507	X-3167-228-2	o	SUPPORT (R) ASSY, AT (UVW-1800/1800P)
508	X-3167-211-2	o	PLATE, ADJUSTMENT ASSY, P (UVW-1600/1600P)
508	X-3167-227-2	o	PLATE, ADJUSTMENT ASSY, RP (UVW-1800/1800P)
509	X-3167-212-2	s	CLEANING BLADE ASSY (UVW-1600/1600P)
510	X-3167-221-1	o	BRACKET ASSY, CTL HEAD
511	X-3167-316-2	s	HEAD (EF291-21) ASSY (UVW-1800/1800P)
512	1-454-338-00	s	SOLENOID, PLUNGER
513	1-506-481-11	o	PIN, CONNECTOR 2P
514	1-543-316-31	s	HEAD, SENSING (SMALL TYPE)
515	1-564-001-11	o	PIN, CONNECTOR 2P
516	1-564-005-11	o	PIN, CONNECTOR 6P
517	1-564-013-11	o	PIN, CONNECTOR 3P (UVW-1800/1800P)
518	1-622-596-11	o	PC BOARD, PD-35
519	2-279-715-01	s	RIVET, NYLON
520	3-182-244-01	o	LEVER, P PRESS
521	3-182-250-01	o	HOLDER, S SENSOR
522	3-182-255-01	s	SPRING, CTL
523	3-182-256-01	o	DECK, CTL HEAD
524	3-182-317-01	o	SHAFT, AT FIXED
525	3-182-376-02	o	CASE (1), AT SHIELD
526	3-182-377-03	o	CASE (2), AT SHIELD
527	3-182-388-02	o	BRACKET, RP
528	3-182-391-01	o	HOLDER, T SENSOR
529	3-537-674-03	s	SPRING, TENSION
530	3-642-719-01	o	SPACER (2.6×11)
531	3-653-382-01	o	SPACER (4×25)
532	3-698-829-01	s	NUT (M2)
533	3-701-441-21	s	WASHER, POLY 4MM DIA 0.5T
534	3-717-247-01	o	LIMITER, P
535	3-717-248-01	o	SPRING
536	3-717-249-01	o	STOPPER, P
537	3-717-250-02	o	SHAFT, JOINT, P
538	3-738-730-01	s	SPRING, COMPRESSION
539	4-812-134-21	s	RIVET NYLON, 3.5
540	7-621-712-46	s	SET SCREW, SLOT FLAT POINT 2.6×5
541	7-621-712-55	s	SET SCREW, SLOT CONE POINT 2.6×6
542	8-825-554-83	s	HEAD, CTL PS244-21B
543	8-825-778-81	s	HEAD EPS244-2103H (UVW-1800/1800P)
543	8-825-778-91	s	HEAD PS244-2103G (UVW-1600/1600P)
544	3-639-647-00	s	WASHER (0.5T)

PRESS ASSY, PINCH



CASSETTE COMPARTMENT ASSEMBLY

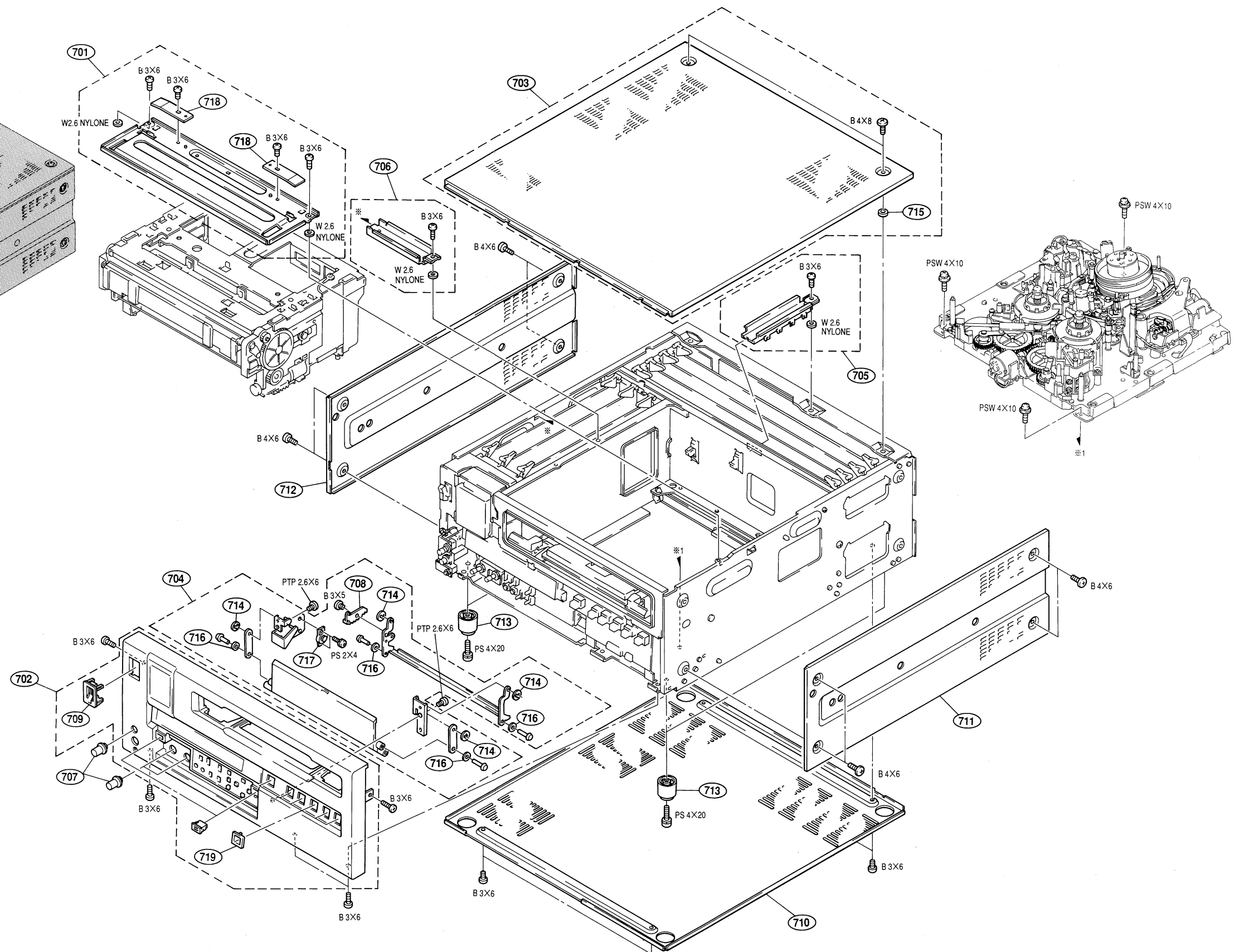


No.	Part No.	SP	Description
601	A-8267-863-A	s	CASSETTE COMPARTMENT ASSY
602	A-8276-957-A	s	STAGE ASSY(RP)
604	X-3166-065-1	o	DECK (L) ASSY, PULLEY
605	X-3166-066-1	o	DECK (R) ASSY, PULLEY
606	X-3167-447-2	o	SLIDER (R) ASSY
607	X-3167-446-2	o	SLIDER (L) ASSY
608	A-8276-626-B	o	MOUNTED CIRCUIT BOARD, CL-29
609	A-8276-625-A	o	MOUNTED CIRCUIT BOARD, PC-70
610	1-751-644-11	s	WIRE, FLEXIBLE CARD (5P)
611	1-698-152-11	s	MOTOR, DC SVD-1499
612	3-188-745-01	s	BEARING, BALL, (B) (NO FRANGE)
614	3-171-367-04	o	SWITCH (R), IN
615	3-171-398-03	o	SWITCH (L), IN
616	3-171-399-02	o	GUIDE (R), CASSETTE
617	3-171-400-04	o	GUIDE (L), CASSETTE
618	3-171-418-02	s	WORM
619	3-171-419-11	s	WHEEL
620	3-171-420-03	o	SHUTTER
621	3-171-421-01	o	SLIDER, DOOR SWITCHING
622	3-171-422-01	o	LEVER, DOOR SWITCHING
623	3-171-423-02	o	JOINT, MOTOR
624	3-171-424-02	o	HOLDER, SENSER
625	3-171-457-01	o	SHAFT, JOINT
626	3-171-458-01	s	BELT, TIMING
627	3-171-459-01	s	ROLLER, GUIDE
628	3-171-460-01	s	ROLLER, SLIDER
629	3-171-461-01	o	SHAFT, RETAINER, L CASSETTE
630	3-171-462-01	o	HOLDER, SHAFT
631	3-171-463-02	o	PLATE
632	3-171-464-01	o	SPRING, LEAF
633	3-171-465-01	o	GEAR, DRIVING
634	3-171-466-02	o	GEAR, LIMITER
635	3-181-430-01	o	WHEEL, WORM
636	3-181-431-01	o	RUBBER, LIMITER
637	3-171-479-01	o	GEAR, MIDWAY
638	3-171-480-01	o	SHAFT, WORM WHEEL
639	3-171-510-02	s	DOOR, CASSETTE
640	3-174-908-01	s	STOPPER
641	3-176-139-01	s	SPRING, C GUIDE
642	3-176-578-01	s	SPRING, TENSION
643	3-176-579-01	s	SPRING, TENSION
644	3-176-583-01	o	PULLEY (A)
645	3-176-584-01	o	PULLEY (B)
646	3-182-706-01	s	SPACER
647	3-548-757-00	s	SPRING, TENSION
648	3-579-759-00	s	SPRING, COMPRESSION
649	3-646-214-00	s	SPRING
650	3-672-461-00	s	SPRING, TENSION
651	3-677-193-00	o	PIN, STOPPER
652	3-698-217-01	s	BEARING (NO FLANGE), BALL
653	3-701-439-21	s	WASHER
655	3-712-786-01	s	DAMPER, OIL
656	3-717-369-04	o	STOPPER, DOOR
657	4-858-799-00	s	SPRING, TENSION
658	3-188-273-01	s	ROLLER(B), GUIDE

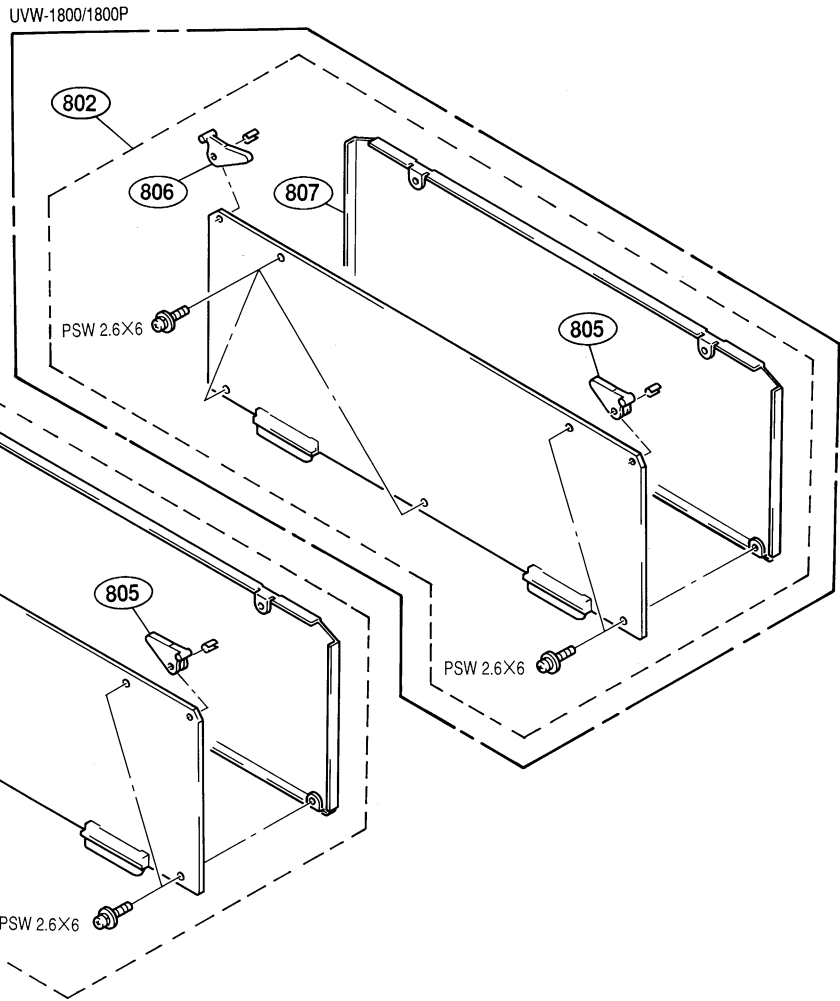
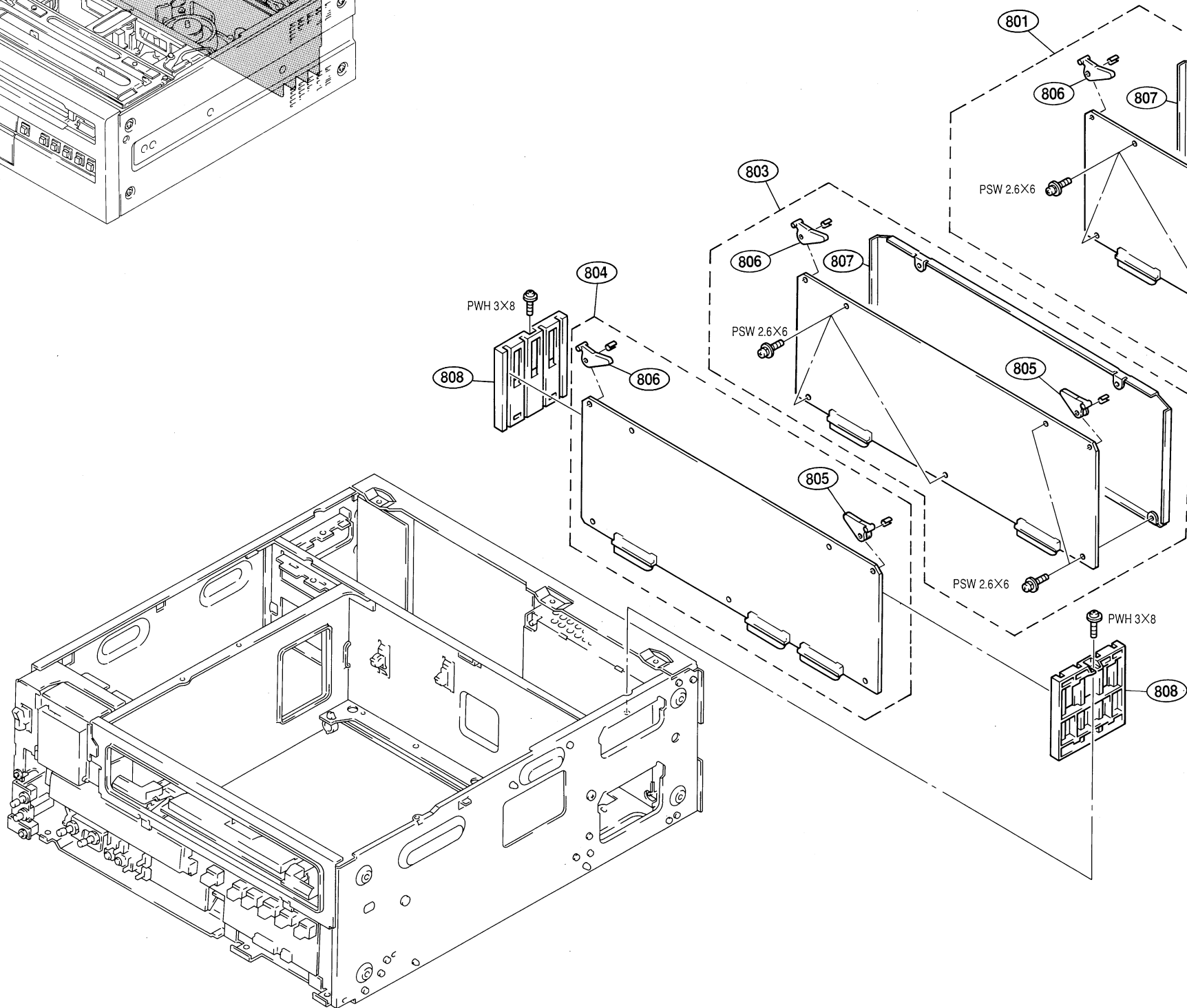
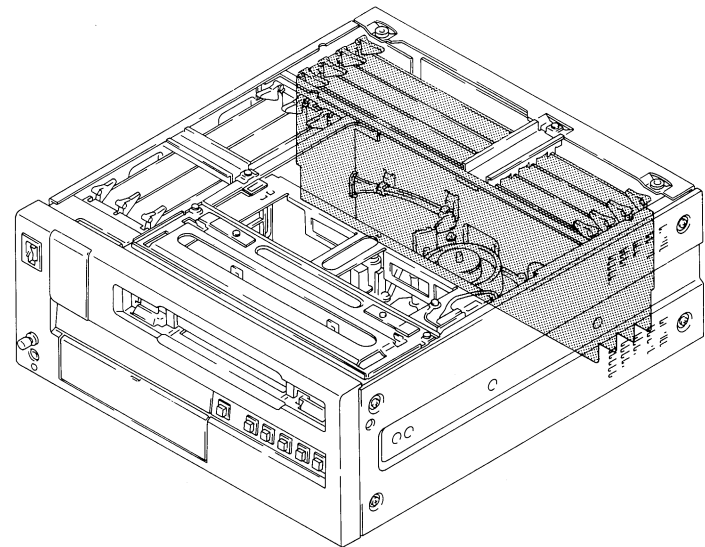


No.	Part No.	SP	Description
701	A-6771-428-A	s	STAY ASSY, CASSETTE COMPARTMENT
702	A-8267-664-G	o	PANEL ASSY, FRONT (UVW-1600)
702	A-8267-909-B	o	PANEL ASSY, FRONT (UVW-1600P)
702	A-8267-666-G	o	PANEL ASSY, FRONT (UVW-1800)
702	A-8267-911-B	o	PANEL ASSY, FRONT (UVW-1800P)
703	A-8267-665-A	o	LID, UPPER ASSY
704	A-8267-667-C	o	DOOR ASSY, FRONT
705	A-8267-670-B	o	RETAINER (L) ASSY, PC BOARD
706	A-8267-673-B	o	RETAINER (S) ASSY, PC BOARD
707	X-3166-071-1	s	KNOB ASSY (B), VOL
708	3-182-395-01	o	GEAR, DAMPER
709	3-182-406-01	o	GUARD, POWER SW
710	3-182-441-03	o	PLATE, BOTTOM
711	3-182-451-02	o	CABINET (RIGHT)
712	3-182-452-02	o	CABINET (LEFT)
713	3-642-656-01	s	FOOT
714	3-669-595-00	s	WASHER (2), STOPPER
715	3-688-102-01	o	SPACER, M4
716	3-701-438-21	s	WASHER
717	3-712-786-02	s	DAMPER, OIL
718	3-717-306-01	o	SPRING
719	3-717-377-01	o	FRAME (SQUARE 17), ORNAMENTAL

CHASSIS & ORNAMENTAL PANEL BLOCK



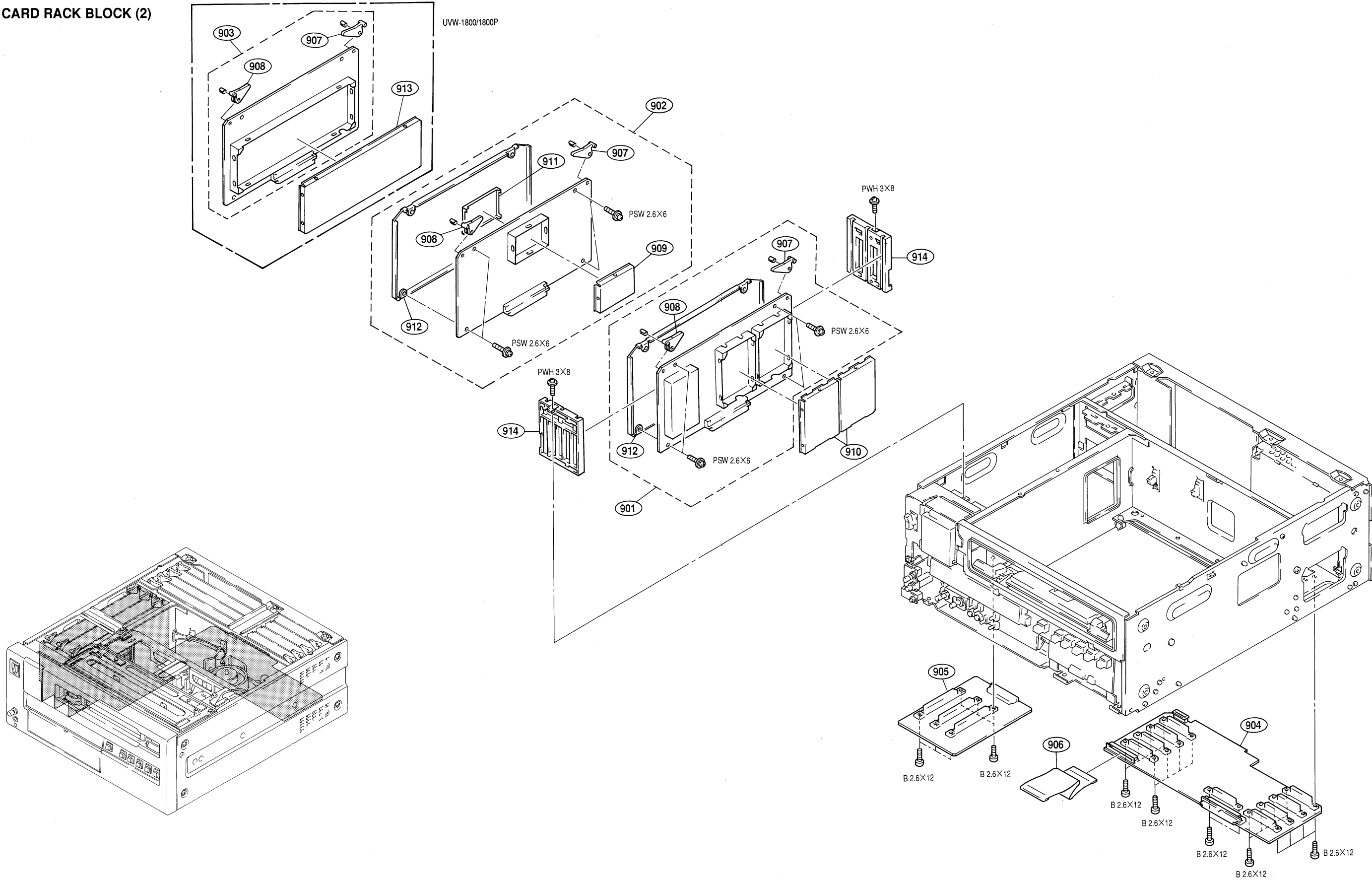
CARD RACK BLOCK (1)



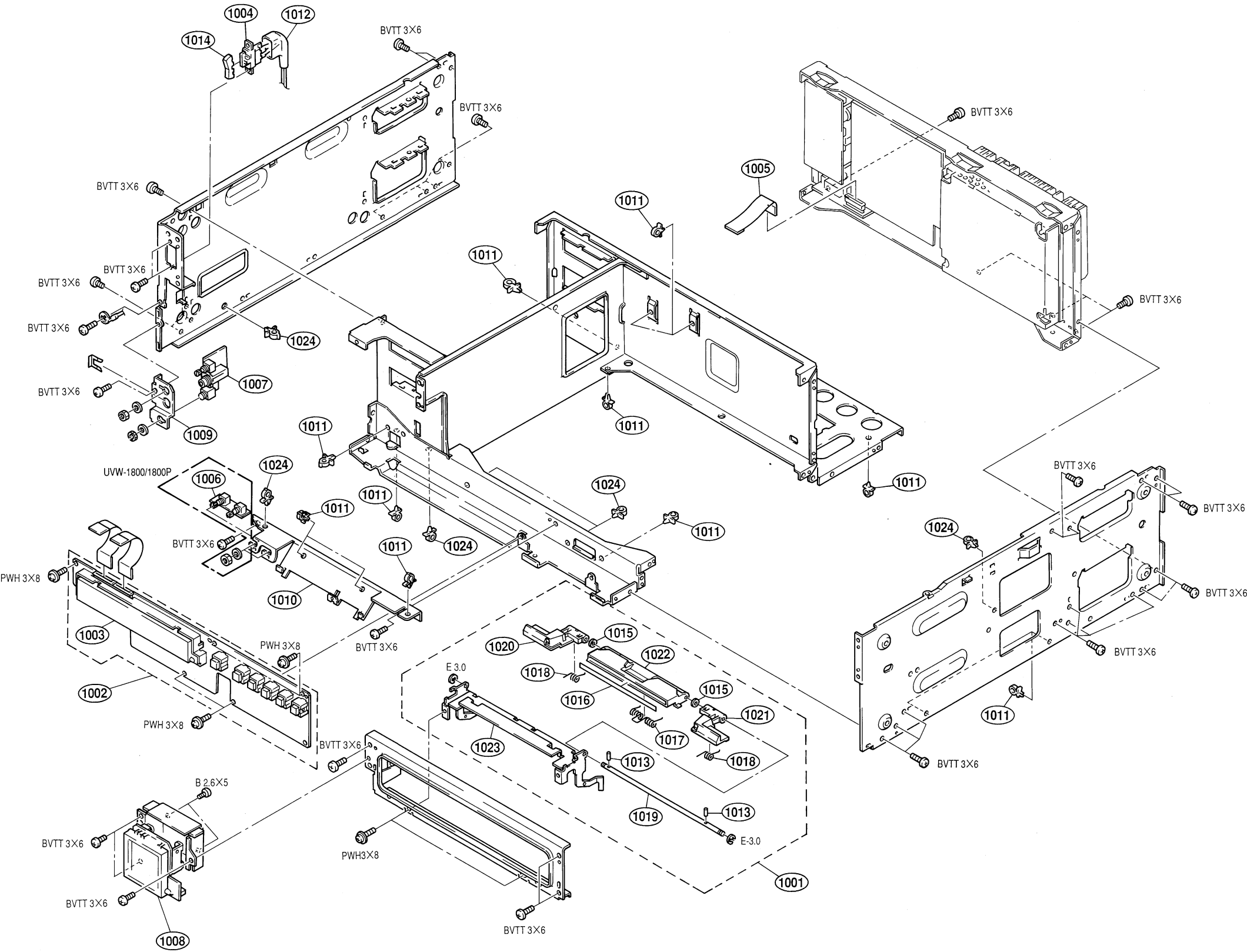
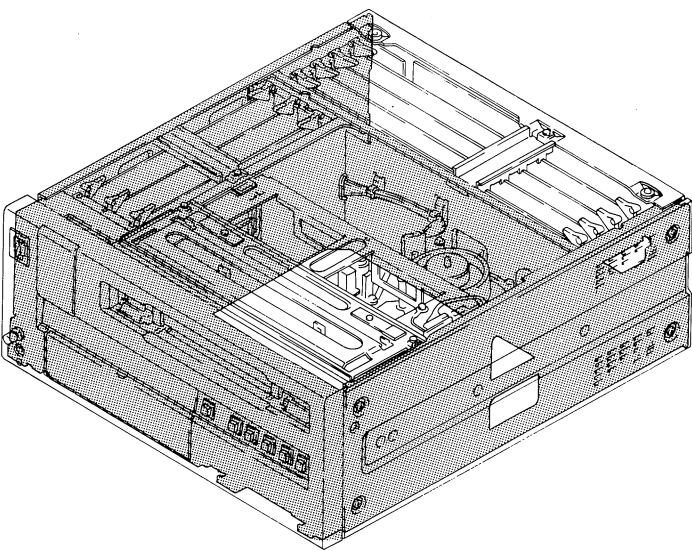
No.	Part No.	SP	Description
801	A-8275-277-A	o	MOUNTED CIRCUIT BOARD, VP-43A (UVW-1600)
801	A-8275-464-A	o	MOUNTED CIRCUIT BOARD, VP-43AP (UVW-1600P)
801	A-8275-281-A	o	MOUNTED CIRCUIT BOARD, VP-43 (UVW-1800)
801	A-8275-468-A	o	MOUNTED CIRCUIT BOARD, VP-43P (UVW-1800P)
802	A-8275-280-A	o	MOUNTED CIRCUIT BOARD, VRA-5 (UVW-1800)
802	A-8275-467-A	o	MOUNTED CIRCUIT BOARD, VRA-5P (UVW-1800P)
803	A-8275-282-A	o	MOUNTED CIRCUIT BOARD, TBC-25 (UVW-1800/1600)
803	A-8275-469-A	o	MOUNTED CIRCUIT BOARD, TBC-25P (UVW-1800P/1600P)
804	A-8275-284-A	o	MOUNTED CIRCUIT BOARD, SS-53
805	3-179-084-01	s	LEVER, PC BOARD (R)
806	3-179-085-01	s	LEVER, PC BOARD (L)
807	3-182-386-02	o	PLATE, SHIELD (L), CARD
808	3-182-438-02	o	GUIDE (L), PCB

No.	Part No.	SP	Description
901	A-8275-278-A	o	MOUNTED CIRCUIT BOARD, RP-70A (UVW-1600)
901	A-8275-465-A	o	MOUNTED CIRCUIT BOARD, RP-70AP (UVW-1600P)
901	A-8275-285-A	o	MOUNTED CIRCUIT BOARD, RP-70 (UVW-1800)
901	A-8275-470-A	o	MOUNTED CIRCUIT BOARD, RP-70P (UVW-1800P)
902	A-8275-279-A	o	MOUNTED CIRCUIT BOARD, AP-31A (UVW-1600)
902	A-8275-466-A	o	MOUNTED CIRCUIT BOARD, AP-31AP (UVW-1600P)
902	A-8275-286-A	o	MOUNTED CIRCUIT BOARD, AP-31 (UVW-1800)
902	A-8275-471-A	o	MOUNTED CIRCUIT BOARD, AP-31P (UVW-1800P)
903	A-8275-287-A	o	MOUNTED CIRCUIT BOARD, AR-14 (UVW-1800)
903	A-8275-472-A	o	MOUNTED CIRCUIT BOARD, AR-14P (UVW-1800P)
904	A-8276-730-A	o	MOUNTED CIRCUIT BOARD, MB-470A (UVW-1600)
904	A-8276-855-A	o	MOUNTED CIRCUIT BOARD, MB-470AP (UVW-1600P)
904	A-8276-736-A	o	MOUNTED CIRCUIT BOARD, MB-470 (UVW-1800)
904	A-8276-854-A	o	MOUNTED CIRCUIT BOARD, MB-470P (UVW-1800P)
905	A-8276-731-A	o	MOUNTED CIRCUIT BOARD, MB-471A (UVW-1600/1600P)
905	A-8276-737-A	o	MOUNTED CIRCUIT BOARD, MB-471 (UVW-1800/1800P)
906	1-571-632-11	s	WIRE, FLEXIBLE CARD 34P
907	3-179-084-01	s	LEVER, PC BOARD (R)
908	3-179-085-01	s	LEVER, PC BOARD (L)
909	3-182-298-01	o	CASE, SHIELD (LID), AP2
910	3-182-316-01	o	CASE, SHIELD (LID), PR70V
911	3-182-351-01	o	CASE, SHIELD, AP (2B)
912	3-182-385-02	o	PLATE, SHIELD (S), CARD
913	3-182-407-01	o	LID, AR CASE, SHIELD (UVW-1800/1800P)
914	3-182-439-02	o	GUIDE (S), PCB

CARD RACK BLOCK (2)



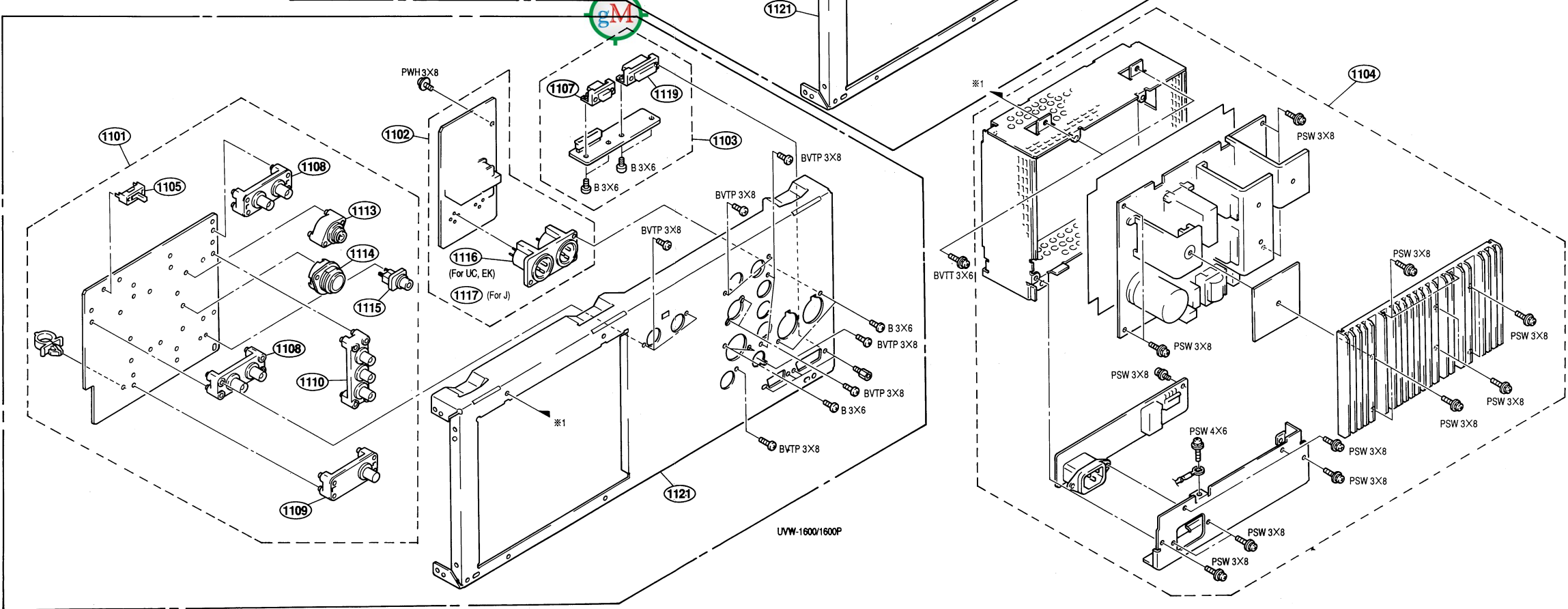
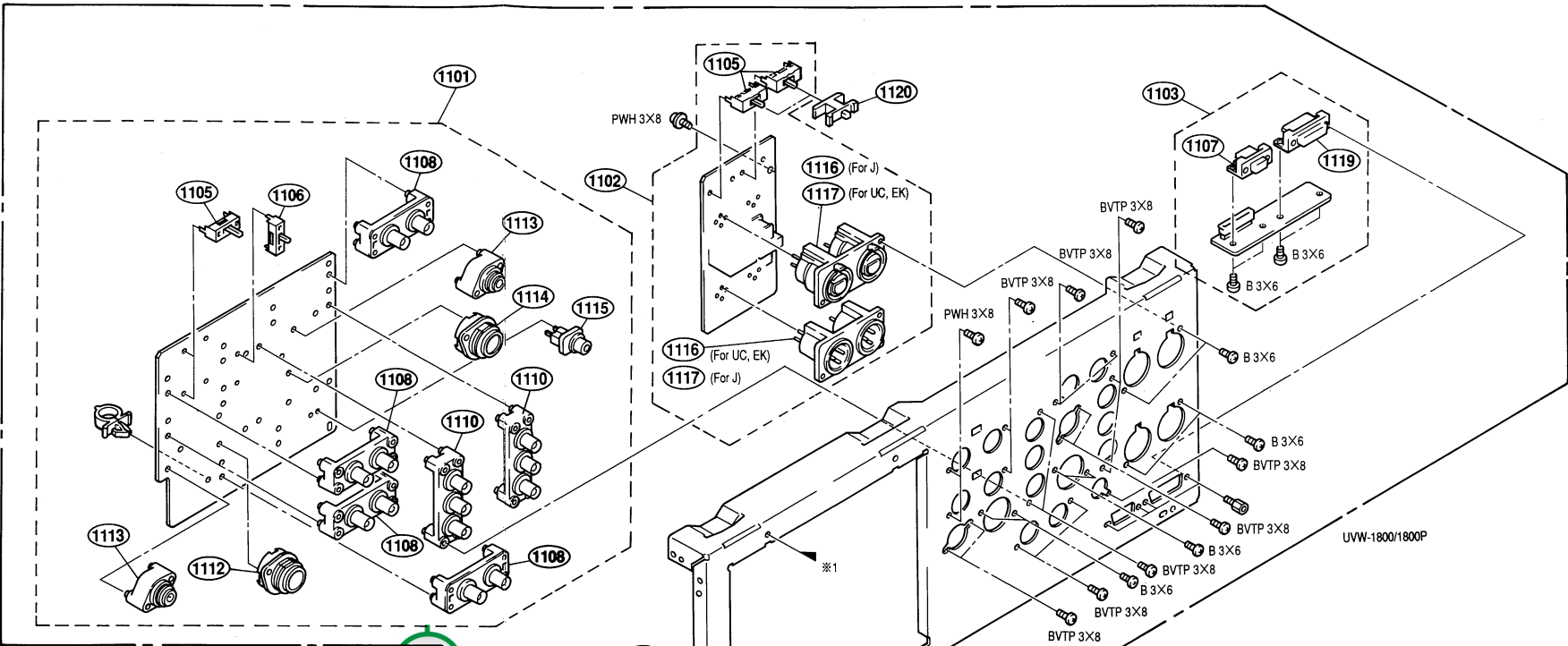
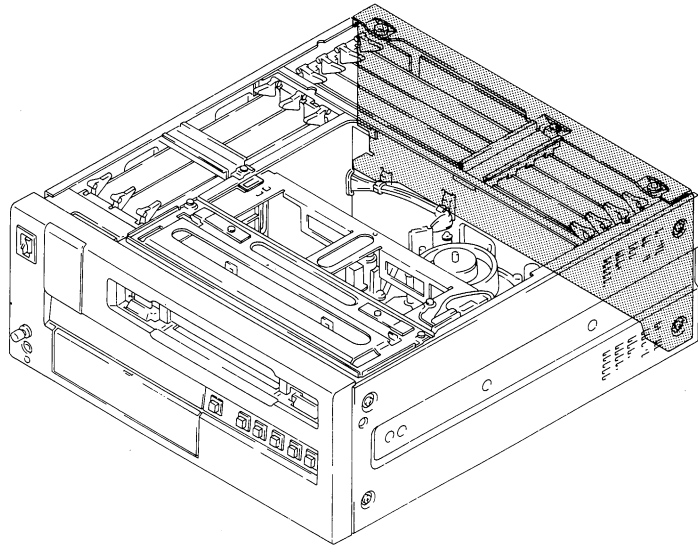
CHASSIS BLOCK



No.	Part No.	SP	Description
1001	A-6751-377-G	o	GUIDE ASSY, SC
1002	A-8275-283-A	o	COMPLETE PCB, KY-249A (UVW-1600/1600P)
1002	A-8275-289-A	o	COMPLETE PCB, KY-249 (UVW-1800/1800P)
1003	1-517-246-11	s	INDICATION TUBE, FLUORESCENT
1004	△ 1-570-117-31	s	SWITCH, SEESAW (AC POWER)
1005	1-575-733-11	s	WIRE, FLAT TYPE (17 CORE)
1006	1-648-916-11	o	VR-155 BOARD (UVW-1800/1800P)
1007	1-648-917-11	o	HP-61 BOARD (UVW-1800/1800P)
1007	1-648-917-21	o	HP-61A BOARD (UVW-1600/1600P)
1008	△ 1-810-374-11	s	INDICATOR TUBE MODULE, FLUORES
1009	3-182-297-01	o	BRACKET, HP FIXED
1010	3-182-449-01	o	BRACKET, VR
1011	3-312-955-00	o	CLIP, CABLE
1012	3-659-969-11	o	COVER, SWITCH
1013	3-677-193-00	o	PIN, STOPPER
1014	3-688-814-01	s	CAP, SWITCH
1015	3-701-441-21	s	WASHER
1016	3-717-614-01	o	LABEL, C-LOCK OUT
1017	3-717-615-01	o	SPRING
1018	3-717-616-01	o	SPRING
1019	3-717-617-01	o	SHAFT, SC GUIDE
1020	3-717-618-01	o	GUIDE (LEFT), SC
1021	3-717-619-02	o	GUIDE (RIGHT), SC
1022	3-717-620-01	o	PLATE, OUT, C-LOCK
1023	3-717-621-03	o	PLATE, INDICATION, SC GUIDE
1024	4-312-237-00	o	CLIP, CABLE

No.	Part No.	SP	Description
1101	A-8276-732-A	o	MOUNTED PCB, CP-225A (UVW-1600/1600P)
1101	A-8276-738-A	o	MOUNTED PCB, CP-225 (UVW-1800/1800P)
1102	A-8276-733-A	o	MOUNTED PCB, CP-226A (UVW-1600/1600P)
1102	A-8276-739-A	o	MOUNTED PCB, CP-226 (UVW-1800/1800P)
1102	A-8276-762-A	o	MOUNTED PCB, CP-226J (UVW-1800 For J)
1102	A-8276-763-A	o	MOUNTED PCB, CP-226AJ (UVW-1600 For J)
1103	A-8276-734-A	o	MOUNTED PCB, CP-237A (UVW-1600/1600P)
1103	A-8276-741-A	o	MOUNTED PCB, CP-237 (UVW-1800/1800P)
1104	△ 1-413-889-11	s	SWITCHING REGULATOR (SOPS-1045) (UVW1800/1600)
1104	△ 1-413-925-12	s	SWITCHING REGULATOR (SOPS-1046) (UVW1800P/1600P)
1105	1-570-157-51	s	SWITCH, SLIDE
1106	1-570-756-11	s	SWITCH, SLIDE (UVW-1800/1800P)
1107	1-573-566-11	s	CONNECTOR, D-SUB (ANGLE TYPE) 9P
1108	1-573-582-11	s	CONNECTOR, BNC (RECEPTACLE)
1109	1-573-583-11	s	CONNECTOR, BNC (RECEPTACLE)
1110	1-573-584-11	s	CONNECTOR, BNC (RECEPTACLE)
1112	1-573-589-11	s	CONNECTOR (R-M) 12P (UVW-1800/1800P)
1113	1-573-590-12	s	CONNECTOR, (S) TERMINAL 4P
1114	1-573-592-11	s	CONNECTOR (R-F) 12P
1115	1-691-273-11	s	JACK, PIN 1P
1116	1-750-785-11	s	CONNECTOR (XLR TYPE) 3P
1117	1-750-786-11	s	CONNECTOR (XLR TYPE) 3P
1119	1-764-259-11	s	CONNECTOR, D-SUB (ANGLE TYPE) 15P
1120	3-171-450-01	o	ADAPTOR, SW
1121	3-182-459-02	o	CONNECTOR, PANEL (UVW-1800/1800P)
1121	3-182-459-12	o	CONNECTOR, PANEL (UVW-1600/1600P)

CONNECTOR PANEL BLOCK



18-3.ELECTRICAL PARTS LISTS

AP-31 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

AP-31 board is used for UVW-1800(J,UC).

1pc	A-8275-286-A	o MOUNTED CIRCUIT BOARD, AP-31
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
1pc	3-182-385-02	o PLATE, SHIELD (S), CARD
1pc	3-655-862-00	o SPACER, INSULATING
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-182-298-01	o CASE, SHIELD (LID), AP (2)
1pc	3-182-351-01	o CASE, SHIELD, AP (2B)
C2	1-163-131-00	s CERAMIC, CHIP 390PF 5% 50V
C3	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C4	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C5	1-126-964-11	s ELECT 10uF 20% 50V
C7	1-130-485-00	s MYLAR 0.015uF 5% 50V
C8	1-126-933-11	s ELECT 100uF 20% 16V
C9	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C10	1-126-964-11	s ELECT 10uF 20% 50V
C11	1-128-551-11	s ELECT 22uF 20% 50V
C12	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C15	1-126-964-11	s ELECT 10uF 20% 50V
C16	1-128-551-11	s ELECT 22uF 20% 50V
C17	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C18	1-128-551-11	s ELECT 22uF 20% 50V
C19	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C20	1-130-498-00	s MYLAR 0.18uF 5% 50V
C21-C26	1-130-487-00	s MYLAR 0.022uF 5% 50V
C27	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C28	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C29	1-130-483-00	s MYLAR 0.01uF 5% 50V
C30	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C31	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C32	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C33	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C34	1-130-483-00	s MYLAR 0.01uF 5% 50V
C35	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C36	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C37	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C38	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C39	1-124-925-11	s ELECT 2.2uF 20% 100V
C40	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C41	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C42	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C43	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C44	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C45	1-130-497-00	s MYLAR 0.15uF 5% 50V
C46	1-124-925-11	s ELECT 2.2uF 20% 100V
C47	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C48	1-130-499-00	s MYLAR 0.22uF 5% 50V
C49	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C50	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C51	1-124-925-11	s ELECT 2.2uF 20% 100V
C52	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C53	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C54	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C55	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C56	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C57	1-126-947-11	s ELECT 47uF 20% 35V
C58	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V

(AP-31 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

C59	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C60	1-126-964-11	s ELECT 10uF 20% 50V
C61	1-126-964-11	s ELECT 10uF 20% 50V
C62	1-126-926-11	s ELECT 1000uF 20% 10V
C63	1-126-926-11	s ELECT 1000uF 20% 10V
C64	1-126-926-11	s ELECT 1000uF 20% 10V
C65	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C66	1-126-926-11	s ELECT 1000uF 20% 10V
C67	1-126-947-11	s ELECT 47uF 20% 35V
C68	1-124-903-11	s ELECT 1uF 20% 50V
C69	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C70	1-126-947-11	s ELECT 47uF 20% 35V
C71	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C72	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C73	1-130-491-00	s MYLAR 0.047uF 5% 50V
C74	1-130-491-00	s MYLAR 0.047uF 5% 50V
C75	1-130-491-00	s MYLAR 0.047uF 5% 50V
C76	1-130-491-00	s MYLAR 0.047uF 5% 50V
C77	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C78	1-126-964-11	s ELECT 10uF 20% 50V
C79	1-126-964-11	s ELECT 10uF 20% 50V
C80	1-126-964-11	s ELECT 10uF 20% 50V
C81	1-130-483-00	s MYLAR 0.01uF 5% 50V
C82	1-126-926-11	s ELECT 1000uF 20% 10V
C83	1-126-926-11	s ELECT 1000uF 20% 10V
C84	1-124-925-11	s ELECT 2.2uF 20% 100V
C85	1-131-352-00	s TANTALUM 6.8uF 10% 35V
C87	1-126-964-11	s ELECT 10uF 20% 50V
C202	1-163-131-00	s CERAMIC, CHIP 390PF 5% 50V
C203	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C204	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C205	1-126-964-11	s ELECT 10uF 20% 50V
C207	1-130-485-00	s MYLAR 0.015uF 5% 50V
C208	1-126-933-11	s ELECT 100uF 20% 16V
C209	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C211	1-128-551-11	s ELECT 22uF 20% 50V
C212	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C215	1-126-964-11	s ELECT 10uF 20% 50V
C216	1-128-551-11	s ELECT 22uF 20% 50V
C217	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C218	1-128-551-11	s ELECT 22uF 20% 50V
C219	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C220	1-130-498-00	s MYLAR 0.18uF 5% 50V
C221-226	1-130-487-00	s MYLAR 0.022uF 5% 50V
C227	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C228	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C229	1-130-483-00	s MYLAR 0.01uF 5% 50V
C230	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C231	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C232	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C233	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C234	1-130-483-00	s MYLAR 0.01uF 5% 50V
C235	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C236	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C237	1-124-925-11	s ELECT 2.2uF 20% 100V
C238	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C239	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C240	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C241	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C242	1-130-497-00	s MYLAR 0.15uF 5% 50V
C243	1-124-925-11	s ELECT 2.2uF 20% 100V
C244	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C245	1-130-499-00	s MYLAR 0.22uF 5% 50V
C246	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C247	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C248	1-124-925-11	s ELECT 2.2uF 20% 100V
C249	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C250	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C251	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C252	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C253	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C254	1-126-947-11	s ELECT 47uF 20% 35V
C255	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C256	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C257	1-126-964-11	s ELECT 10uF 20% 50V
C258	1-126-964-11	s ELECT 10uF 20% 50V
C259	1-126-926-11	s ELECT 1000uF 20% 10V
C260	1-126-926-11	s ELECT 1000uF 20% 10V
C261	1-126-926-11	s ELECT 1000uF 20% 10V
C262	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C263	1-126-926-11	s ELECT 1000uF 20% 10V
C264	1-126-947-11	s ELECT 47uF 20% 35V
C265	1-124-903-11	s ELECT 1uF 20% 50V
C266	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C267	1-126-947-11	s ELECT 47uF 20% 35V
C268	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C269	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C270	1-124-925-11	s ELECT 2.2uF 20% 100V
C271	1-131-352-00	s TANTALUM 6.8uF 10% 35V
C278	1-126-964-11	s ELECT 10uF 20% 50V
C279	1-126-964-11	s ELECT 10uF 20% 50V
C280	1-126-964-11	s ELECT 10uF 20% 50V
C281	1-130-483-00	s MYLAR 0.01uF 5% 50V
C282	1-126-926-11	s ELECT 1000uF 20% 10V
C283	1-126-926-11	s ELECT 1000uF 20% 10V
C401	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C402	1-126-933-11	s ELECT 100uF 20% 16V
C403	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C404	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C405	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C406	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C408	1-126-964-11	s ELECT 10uF 20% 50V
C409	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C410	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C411	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C412	1-126-964-11	s ELECT 10uF 20% 50V
C413	1-126-964-11	s ELECT 10uF 20% 50V
C414	1-126-964-11	s ELECT 10uF 20% 50V
C415	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C416	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C417	1-126-933-11	s ELECT 100uF 20% 16V
C418	1-126-933-11	s ELECT 100uF 20% 16V
C419	1-126-964-11	s ELECT 10uF 20% 50V
C420	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C421	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C422	1-126-933-11	s ELECT 100uF 20% 16V
C423	1-126-933-11	s ELECT 100uF 20% 16V

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C424	1-126-933-11	s ELECT 100uF 20% 16V
C425	1-126-933-11	s ELECT 100uF 20% 16V
C426	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C427	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C428	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C429	1-161-021-11	s CERAMIC 0.047uF 10% 25V
C430	1-161-021-11	s CERAMIC 0.047uF 10% 25V
C500	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C501	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C600	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C601	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-506-468-11	s CONNECTOR 3P, MALE
CN2	1-564-002-41	s CONNECTOR 3P, MALE
CN3	1-564-002-11	s CONNECTOR 3P, MALE
CN111	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
D1	8-719-941-23	s DIODE DA204U
D2	8-719-941-23	s DIODE DA204U
D3	8-719-941-23	s DIODE DA204U
D5	8-719-941-23	s DIODE DA204U
D6	8-719-123-85	s DIODE ISS304
D7	8-719-941-23	s DIODE DA204U
D8	8-719-123-85	s DIODE ISS304
D10	8-719-123-85	s DIODE ISS304
D11	8-719-123-85	s DIODE ISS304
D12	8-719-123-85	s DIODE ISS304
D13	8-719-123-85	s DIODE ISS304
D15	8-719-123-85	s DIODE ISS304
D16	8-719-123-85	s DIODE ISS304
D17	8-719-941-23	s DIODE DA204U
D18	8-719-911-19	s DIODE ISS119
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
D204	8-719-941-23	s DIODE DA204U
D205	8-719-123-85	s DIODE ISS304
D206	8-719-941-23	s DIODE DA204U
D207	8-719-123-85	s DIODE ISS304
D209	8-719-123-85	s DIODE ISS304
D210	8-719-941-23	s DIODE DA204U
D211	8-719-911-19	s DIODE ISS119
D401	8-719-941-23	s DIODE DA204U
D403	8-719-941-23	s DIODE DA204U
D500	8-719-106-88	s DIODE RD15M-B1
IC1	8-759-701-25	s IC NJM2068D-D
IC2	8-759-701-25	s IC NJM2068D-D
IC3	8-759-701-25	s IC NJM2068D-D
IC4	8-759-701-25	s IC NJM2068D-D
IC5	8-759-705-58	s IC NJM4558D-D
IC6	8-759-705-58	s IC NJM4558D-D
IC7	8-759-705-58	s IC NJM4558D-D
IC8	8-752-018-80	s IC CX20188
IC9	8-759-705-58	s IC NJM4558D-D
IC10	8-759-705-58	s IC NJM4558D-D
IC11	8-759-145-57	s IC UPC4557C
IC12	8-759-917-18	s IC SN74HCU04AN
IC13	8-759-917-18	s IC SN74HCU04AN
IC14	8-759-145-57	s IC UPC4557C
IC15	8-759-705-58	s IC NJM4558D-D

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
IC201	8-759-701-25	s IC NJM2068D-D
IC202	8-759-701-25	s IC NJM2068D-D
IC203	8-759-701-25	s IC NJM2068D-D
IC204	8-759-701-25	s IC NJM2068D-D
IC205	8-759-705-58	s IC NJM4558D-D
IC206	8-759-705-58	s IC NJM4558D-D
IC207	8-759-705-58	s IC NJM4558D-D
IC208	8-759-705-58	s IC NJM4558D-D
IC209	8-759-705-58	s IC NJM4558D-D
IC210	8-759-145-57	s IC UPC4557C
IC211	8-759-705-58	s IC NJM4558D-D
IC401	8-759-701-25	s IC NJM2068D-D
IC402	8-759-729-03	s IC NJM2903D
IC405	8-759-172-41	s IC L78M09T-TL
IC406	8-759-173-37	s IC L79M09T-TL
IC407	8-759-635-83	s IC M51957BFP
IC408	8-759-172-41	s IC L78M09T-TL
IC409	8-759-173-37	s IC L79M09T-TL
IC410	8-759-701-25	s IC NJM2068D-D
L2	1-408-617-31	s INDUCTOR 150uH
L202	1-408-617-31	s INDUCTOR 150uH
L401	1-410-470-11	s INDUCTOR 10uH
L402	1-410-470-11	s INDUCTOR 10uH
PS1	△ 1-532-727-11	s LINK, IC 0.25A
PS2	△ 1-532-727-11	s LINK, IC 0.25A
Q1	8-729-209-06	s TRANSISTOR 2SC4213-A
Q2	8-729-803-89	s TRANSISTOR 2SC3332-T
Q3	8-729-803-89	s TRANSISTOR 2SC3332-T
Q4	8-729-209-06	s TRANSISTOR 2SC4213-A
Q5	8-729-209-06	s TRANSISTOR 2SC4213-A
Q6	8-729-209-06	s TRANSISTOR 2SC4213-A
Q7	8-729-209-06	s TRANSISTOR 2SC4213-A
Q8	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q9	8-729-109-44	s TRANSISTOR 2SK94
Q10	8-729-203-30	s TRANSISTOR 2SJ106Y
Q11	8-729-905-18	s TRANSISTOR DTC144EU
Q12	8-729-905-12	s TRANSISTOR DTA144EU
Q13	8-729-422-44	s TRANSISTOR 2SK663
Q14	8-729-209-06	s TRANSISTOR 2SC4213-A
Q15	8-729-209-06	s TRANSISTOR 2SC4213-A
Q16	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q17	8-729-422-44	s TRANSISTOR 2SK663
Q18	8-729-423-93	s TRANSISTOR 2SD2136-R(TA)
Q19	8-729-022-00	s TRANSISTOR 2SB1416-R(TA)
Q20	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q21	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q22	8-729-117-32	s TRANSISTOR 2SC4177
Q23	8-729-117-32	s TRANSISTOR 2SC4177
Q25	8-729-140-93	s TRANSISTOR 2SB733-34
Q26	8-729-209-06	s TRANSISTOR 2SC4213-A
Q27	8-729-209-06	s TRANSISTOR 2SC4213-A
Q28	8-729-804-09	s TRANSISTOR 2SA1319-T
Q29	8-729-804-09	s TRANSISTOR 2SA1319-T
Q30	8-729-140-93	s TRANSISTOR 2SB733-34
Q34	8-729-905-18	s TRANSISTOR DTC144EU
Q35	8-729-905-12	s TRANSISTOR DTA144EU
Q36	8-729-422-44	s TRANSISTOR 2SK663
Q201	8-729-209-06	s TRANSISTOR 2SC4213-A

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
Q202	8-729-803-89	s TRANSISTOR 2SC3332-T
Q203	8-729-803-89	s TRANSISTOR 2SC3332-T
Q204	8-729-209-06	s TRANSISTOR 2SC4213-A
Q205	8-729-209-06	s TRANSISTOR 2SC4213-A
Q206	8-729-209-06	s TRANSISTOR 2SC4213-A
Q207	8-729-209-06	s TRANSISTOR 2SC4213-A
Q208	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q209	8-729-109-44	s TRANSISTOR 2SK94
Q210	8-729-203-30	s TRANSISTOR 2SJ106Y
Q211	8-729-422-44	s TRANSISTOR 2SK663
Q212	8-729-209-06	s TRANSISTOR 2SC4213-A
Q213	8-729-209-06	s TRANSISTOR 2SC4213-A
Q214	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q215	8-729-422-44	s TRANSISTOR 2SK663
Q216	8-729-423-93	s TRANSISTOR 2SD2136-R(TA)
Q217	8-729-022-00	s TRANSISTOR 2SB1416-R(TA)
Q218	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q219	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q220	8-729-117-32	s TRANSISTOR 2SC4177
Q221	8-729-117-32	s TRANSISTOR 2SC4177
Q223	8-729-140-93	s TRANSISTOR 2SB733-34
Q224	8-729-905-18	s TRANSISTOR DTC144EU
Q225	8-729-905-12	s TRANSISTOR DTA144EU
Q226	8-729-422-44	s TRANSISTOR 2SK663
Q401	8-729-209-06	s TRANSISTOR 2SC4213-A
Q402	8-729-209-06	s TRANSISTOR 2SC4213-A
Q403	8-729-209-06	s TRANSISTOR 2SC4213-A
R1	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R2	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R3	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R4	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R5	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R7	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R8	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R9	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R10	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R11	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R12	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R13	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R14	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R16	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R17	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R19-R23	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R24	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R25	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R26	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R27	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R28	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R30	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R31	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R32	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R33	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R34	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R35	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R36	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R37	1-215-473-00	s METAL 150K 1% 1/6W
R38	1-215-471-00	s METAL 120K 1% 1/6W
R39	1-215-479-00	s METAL 270K 1% 1/6W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R40	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R41	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R42	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R43	1-215-469-00	s METAL 100K 1% 1/6W
R44	1-215-473-00	s METAL 150K 1% 1/6W
R45	1-215-455-00	s METAL 27K 1% 1/6W
R46	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R47	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R48	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R49	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R50	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R51	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R52	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R53	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R54	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R56	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R57	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R58	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R59	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R60	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R61	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R62	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R63	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R64	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R65	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R66	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R67	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R68	1-215-493-00	s METAL 1M 1% 1/6W
R69	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R70	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R71	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R72	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R73	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R74	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R75	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R76	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R77	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R78	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R79	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R80	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R81	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R82	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R83	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R84	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R85	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R86	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R87	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R88	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R89	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R90	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R91	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R92	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R93	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R94	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R95	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R96	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R97	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R98	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R99	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R100	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R101	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R102	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R103	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R104	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R105	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R106	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R107	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R108	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R109	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R110	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R111	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R112	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R113	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R114	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R115	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R116	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R117	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R118	1-247-807-31	s CARBON 100 5% 1/4W
R119	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R120	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R121	1-247-807-31	s CARBON 100 5% 1/4W
R122	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R123	1-249-389-11	s CARBON 4.7 5% 1/4W
R124	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R125	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R126	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R127	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R128	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R129	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R130	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R131	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R132	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R133	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R134	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R135	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R136	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R137	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R138	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R141	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R142	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R143	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R144	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R145-154	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R155	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R156	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R157	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R158	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R159	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R160	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R161	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R162	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R163	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R164	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R165	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R167	1-216-295-91	s RES, CHIP 0
R168	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R169	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R170	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R171	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R172	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R173	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R174	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R175	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R176	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R177	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R178	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R179	1-216-664-11	s METAL, CHIP 3.6K 0.5% 1/10W
R180	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R181	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R182	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R183	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R184	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R186	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R187	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R188	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R189	1-216-295-91	s RES, CHIP 0
R190	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R201	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R202	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R203	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R204	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R205	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R207	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R208	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R209	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R210	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R211	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R212	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R213	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R214	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R216	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R217	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219-223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R228	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R230	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R231	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R232	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R233	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R234	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R235	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R236	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R237	1-215-473-00	s METAL 150K 1% 1/6W
R238	1-215-471-00	s METAL 120K 1% 1/6W
R239	1-215-479-00	s METAL 270K 1% 1/6W
R240	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R241	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R242	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R243	1-215-479-00	s METAL 270K 1% 1/6W
R244	1-215-460-00	s METAL 43K 1% 1/6W
R245	1-215-453-00	s METAL 22K 1% 1/6W
R246	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R247	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R248	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R249	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R250	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R251	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R252	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R253	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R254	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R255	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R256	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R257	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R258	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R259	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R260	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R261	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R262	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R263	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R264	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R265	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R266	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R267	1-215-493-00	s METAL 1M 1% 1/6W
R268	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R269	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R270	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R271	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R272	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R273	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R274	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R275	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R276	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R277	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R278	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R279	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R280	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R281	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R282	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R283	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R284	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R285	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R286	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R287	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R288	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R289	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R290	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R291	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R292	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R293	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R294	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R295	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R296	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R297	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R298	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R299	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R300	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R302	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R303	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R304	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R305	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R306	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R307	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R308	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R309	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R310	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R311	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R312	1-247-807-31	s CARBON 100 5% 1/4W
R313	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R314	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R315	1-247-807-31	s CARBON 100 5% 1/4W
R316	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R317	1-249-389-11	s CARBON 4.7 5% 1/4W
R318	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R319	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R320	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R321	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R322	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R323	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R324	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R325	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R326	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R327	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R328	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R329	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R330	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R332	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R335	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R336	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R337	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R338	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R339	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R341	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R342	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R344	1-216-295-91	s RES, CHIP 0
R345	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R346	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R347	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R350	1-216-295-91	s RES, CHIP 0
R351	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R387	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R400	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R402	1-216-295-91	s RES, CHIP 0
R403	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R404	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R407	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R408	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R409	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R410	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R411	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R414	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R415	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W

(AP-31 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R417	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R418	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R419	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R420	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R421	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R422	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R423	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R424	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R425	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R426	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R427	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R428	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R500	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R501	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R502	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R600	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R602	1-247-855-11	s CARBON 10K 5% 1/4W
RV1	1-241-789-11	s RES, ADJ METAL 220k
RV2	1-241-784-11	s RES, ADJ METAL 4.7k
RV3	1-241-783-11	s RES, ADJ METAL 2.2k
RV4	1-241-785-11	s RES, ADJ METAL 10k
RV5	1-241-786-11	s RES, ADJ METAL 22k
RV201	1-241-789-11	s RES, ADJ METAL 220k
RV202	1-241-784-11	s RES, ADJ METAL 4.7k
RV203	1-241-783-11	s RES, ADJ METAL 2.2k
RV204	1-241-785-11	s RES, ADJ METAL 10k
RV205	1-241-786-11	s RES, ADJ METAL 22k
S1	1-570-602-11	s SWITCH, DIP 2-CKT
S2	1-570-602-11	s SWITCH, DIP 2-CKT
S201	1-570-602-11	s SWITCH, DIP 2-CKT
S202	1-570-602-11	s SWITCH, DIP 2-CKT
TH1	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH2	1-807-972-11	s THERMISTOR SV-1715 1.25k

AP-31P BOARD (UVW-1800P)

Ref. No.
or Q'ty Part No. SP Description

AP-31P board is used for UVW-1800P(EK).

lpc	A-8275-471-A	o MOUNTED CIRCUIT BOARD, AP-31P
lpc	3-179-084-01	s LEVER (R), PC BOARD
lpc	3-179-085-01	s LEVER (L), PC BOARD
lpc	3-182-385-02	o PLATE, SHIELD (S), CARD
lpc	7-621-759-45	s SCREW, +PSW2.6x6
lpc	3-182-298-01	o CASE, SHIELD (LID), AP (2)
lpc	3-182-351-01	o CASE, SHIELD, AP (2B)
C2	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C3	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C4	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C5	1-126-964-11	s ELECT 10uF 20% 50V
C7	1-130-485-00	s MYLAR 0.015uF 5% 50V
C8	1-126-933-11	s ELECT 100uF 20% 16V
C9	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C10	1-126-964-11	s ELECT 10uF 20% 50V
C11	1-128-551-11	s ELECT 22uF 20% 50V
C12	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C13	1-130-481-00	s MYLAR 0.0068uF 5% 50V
C14	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C15	1-126-964-11	s ELECT 10uF 20% 50V
C16	1-128-551-11	s ELECT 22uF 20% 50V
C17	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C18	1-128-551-11	s ELECT 22uF 20% 50V
C19	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C20	1-130-498-00	s MYLAR 0.18uF 5% 50V
C21-C26	1-130-487-00	s MYLAR 0.022uF 5% 50V
C27	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C28	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C29	1-130-483-00	s MYLAR 0.01uF 5% 50V
C30	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C31	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C32	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C33	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C34	1-130-483-00	s MYLAR 0.01uF 5% 50V
C35	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C36	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C37	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C38	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C39	1-124-925-11	s ELECT 2.2uF 20% 100V
C40	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C41	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C42	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C43	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C44	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C45	1-130-497-00	s MYLAR 0.15uF 5% 50V
C46	1-124-925-11	s ELECT 2.2uF 20% 100V
C47	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C48	1-130-499-00	s MYLAR 0.22uF 5% 50V
C49	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C50	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C51	1-124-925-11	s ELECT 2.2uF 20% 100V
C52	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C53	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C54	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C55	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C56	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C57	1-126-947-11	s ELECT 47uF 20% 35V

(AP-31P BOARD (UVW-1800P))

Ref. No.
or Q'ty Part No. SP Description

C58	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C59	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C60	1-126-964-11	s ELECT 10uF 20% 50V
C61	1-126-964-11	s ELECT 10uF 20% 50V
C62	1-126-926-11	s ELECT 1000uF 20% 10V
C63	1-126-926-11	s ELECT 1000uF 20% 10V
C64	1-126-926-11	s ELECT 1000uF 20% 10V
C65	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C66	1-126-926-11	s ELECT 1000uF 20% 10V
C67	1-126-947-11	s ELECT 47uF 20% 35V
C68	1-124-903-11	s ELECT 1uF 20% 50V
C69	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C70	1-126-947-11	s ELECT 47uF 20% 35V
C71	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C72	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C73	1-130-491-00	s MYLAR 0.047uF 5% 50V
C74	1-130-491-00	s MYLAR 0.047uF 5% 50V
C75	1-130-491-00	s MYLAR 0.047uF 5% 50V
C76	1-130-491-00	s MYLAR 0.047uF 5% 50V
C77	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C78	1-126-964-11	s ELECT 10uF 20% 50V
C79	1-126-964-11	s ELECT 10uF 20% 50V
C80	1-126-964-11	s ELECT 10uF 20% 50V
C81	1-130-483-00	s MYLAR 0.01uF 5% 50V
C82	1-126-926-11	s ELECT 1000uF 20% 10V
C83	1-126-926-11	s ELECT 1000uF 20% 10V
C84	1-124-925-11	s ELECT 2.2uF 20% 100V
C85	1-131-352-00	s TANTALUM 6.8uF 10% 35V
C87	1-126-964-11	s ELECT 10uF 20% 50V
C202	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C203	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C204	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C205	1-126-964-11	s ELECT 10uF 20% 50V
C207	1-130-485-00	s MYLAR 0.015uF 5% 50V
C208	1-126-933-11	s ELECT 100uF 20% 16V
C209	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C211	1-128-551-11	s ELECT 22uF 20% 50V
C212	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C213	1-130-481-00	s MYLAR 0.0068uF 5% 50V
C214	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C215	1-126-964-11	s ELECT 10uF 20% 50V
C216	1-128-551-11	s ELECT 22uF 20% 50V
C217	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C218	1-128-551-11	s ELECT 22uF 20% 50V
C219	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C220	1-130-498-00	s MYLAR 0.18uF 5% 50V
C221-226	1-130-487-00	s MYLAR 0.022uF 5% 50V
C227	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C228	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C229	1-130-483-00	s MYLAR 0.01uF 5% 50V
C230	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C231	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C232	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C233	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C234	1-130-483-00	s MYLAR 0.01uF 5% 50V
C235	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C236	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C237	1-124-925-11	s ELECT 2.2uF 20% 100V

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C238	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C239	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C240	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C241	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C242	1-130-497-00	s MYLAR 0.15uF 5% 50V
C243	1-124-925-11	s ELECT 2.2uF 20% 100V
C244	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C245	1-130-499-00	s MYLAR 0.22uF 5% 50V
C246	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C247	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C248	1-124-925-11	s ELECT 2.2uF 20% 100V
C249	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C250	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C251	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C252	1-130-478-00	s MYLAR 0.0039uF 5% 50V
C253	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C254	1-126-947-11	s ELECT 47uF 20% 35V
C255	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C256	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C257	1-126-964-11	s ELECT 10uF 20% 50V
C258	1-126-964-11	s ELECT 10uF 20% 50V
C259	1-126-926-11	s ELECT 1000uF 20% 10V
C260	1-126-926-11	s ELECT 1000uF 20% 10V
C261	1-126-926-11	s ELECT 1000uF 20% 10V
C262	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C263	1-126-926-11	s ELECT 1000uF 20% 10V
C264	1-126-947-11	s ELECT 47uF 20% 35V
C265	1-124-903-11	s ELECT 1uF 20% 50V
C266	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C267	1-126-947-11	s ELECT 47uF 20% 35V
C268	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C269	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C270	1-124-925-11	s ELECT 2.2uF 20% 100V
C271	1-131-352-00	s TANTALUM 6.8uF 10% 35V
C278	1-126-964-11	s ELECT 10uF 20% 50V
C279	1-126-964-11	s ELECT 10uF 20% 50V
C280	1-126-964-11	s ELECT 10uF 20% 50V
C281	1-130-483-00	s MYLAR 0.01uF 5% 50V
C282	1-126-926-11	s ELECT 1000uF 20% 10V
C283	1-126-926-11	s ELECT 1000uF 20% 10V
C401	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C402	1-126-933-11	s ELECT 100uF 20% 16V
C403	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C404	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C405	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C406	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C408	1-126-964-11	s ELECT 10uF 20% 50V
C409	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C410	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C411	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C412	1-126-964-11	s ELECT 10uF 20% 50V
C413	1-126-964-11	s ELECT 10uF 20% 50V
C414	1-126-964-11	s ELECT 10uF 20% 50V
C415	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C416	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C417	1-126-933-11	s ELECT 100uF 20% 16V
C418	1-126-933-11	s ELECT 100uF 20% 16V
C419	1-126-964-11	s ELECT 10uF 20% 50V
C420	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C421	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C422	1-126-933-11	s ELECT 100uF 20% 16V
C423	1-126-933-11	s ELECT 100uF 20% 16V
C424	1-126-933-11	s ELECT 100uF 20% 16V
C425	1-126-933-11	s ELECT 100uF 20% 16V
C426	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C427	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C428	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C429	1-161-021-11	s CERAMIC 0.047uF 10% 25V
C430	1-161-021-11	s CERAMIC 0.047uF 10% 25V
C500	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C501	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C600	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C601	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-506-468-11	s CONNECTOR 3P, MALE
CN2	1-564-002-41	s CONNECTOR 3P, MALE
CN3	1-564-002-11	s CONNECTOR 3P, MALE
CN111	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
D1	8-719-941-23	s DIODE DA204U
D2	8-719-941-23	s DIODE DA204U
D3	8-719-941-23	s DIODE DA204U
D5	8-719-941-23	s DIODE DA204U
D6	8-719-123-85	s DIODE 1SS304
D7	8-719-941-23	s DIODE DA204U
D8	8-719-123-85	s DIODE 1SS304
D10	8-719-123-85	s DIODE 1SS304
D11	8-719-123-85	s DIODE 1SS304
D12	8-719-123-85	s DIODE 1SS304
D13	8-719-123-85	s DIODE 1SS304
D15	8-719-123-85	s DIODE 1SS304
D16	8-719-123-85	s DIODE 1SS304
D17	8-719-941-23	s DIODE DA204U
D18	8-719-911-19	s DIODE 1SS119
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
D204	8-719-941-23	s DIODE DA204U
D205	8-719-123-85	s DIODE 1SS304
D206	8-719-941-23	s DIODE DA204U
D207	8-719-123-85	s DIODE 1SS304
D209	8-719-123-85	s DIODE 1SS304
D210	8-719-941-23	s DIODE DA204U
D211	8-719-911-19	s DIODE 1SS119
D401	8-719-941-23	s DIODE DA204U
D403	8-719-941-23	s DIODE DA204U
D500	8-719-106-88	s DIODE RD15M-B1
IC1	8-759-701-25	s IC NJM2068D-D
IC2	8-759-701-25	s IC NJM2068D-D
IC3	8-759-701-25	s IC NJM2068D-D
IC4	8-759-701-25	s IC NJM2068D-D
IC5	8-759-705-58	s IC NJM4558D-D
IC6	8-759-705-58	s IC NJM4558D-D
IC7	8-759-705-58	s IC NJM4558D-D
IC8	8-752-018-80	s IC CX20188
IC9	8-759-705-58	s IC NJM4558D-D
IC10	8-759-705-58	s IC NJM4558D-D
IC11	8-759-145-57	s IC UPC4557C
IC12	8-759-917-18	s IC SN74HCU04AN

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
IC13	8-759-917-18 s	IC SN74HCU04AN
IC14	8-759-145-57 s	IC UPC4557C
IC15	8-759-705-58 s	IC NJM4558D-D
IC201	8-759-701-25 s	IC NJM2068D-D
IC202	8-759-701-25 s	IC NJM2068D-D
IC203	8-759-701-25 s	IC NJM2068D-D
IC204	8-759-701-25 s	IC NJM2068D-D
IC205	8-759-705-58 s	IC NJM4558D-D
IC206	8-759-705-58 s	IC NJM4558D-D
IC207	8-759-705-58 s	IC NJM4558D-D
IC208	8-759-705-58 s	IC NJM4558D-D
IC209	8-759-705-58 s	IC NJM4558D-D
IC210	8-759-145-57 s	IC UPC4557C
IC211	8-759-705-58 s	IC NJM4558D-D
IC401	8-759-701-25 s	IC NJM2068D-D
IC402	8-759-729-03 s	IC NJM2903D
IC405	8-759-172-41 s	IC L78M09T-TL
IC406	8-759-173-37 s	IC L79M09T-TL
IC407	8-759-635-83 s	IC M51957BFP
IC408	8-759-172-41 s	IC L78M09T-TL
IC409	8-759-173-37 s	IC L79M09T-TL
IC410	8-759-701-25 s	IC NJM2068D-D
L2	1-408-617-31 s	INDUCTOR 150uH
L202	1-408-617-31 s	INDUCTOR 150uH
L401	1-410-470-11 s	INDUCTOR 10uH
L402	1-410-470-11 s	INDUCTOR 10uH
PS1	△ 1-532-727-11 s	LINK, IC 0.25A
PS2	△ 1-532-727-11 s	LINK, IC 0.25A
Q1	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q2	8-729-803-89 s	TRANSISTOR 2SC3332-T
Q3	8-729-803-89 s	TRANSISTOR 2SC3332-T
Q4	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q5	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q6	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q7	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q8	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q9	8-729-109-44 s	TRANSISTOR 2SK94
Q10	8-729-203-30 s	TRANSISTOR 2SJ106Y
Q11	8-729-905-18 s	TRANSISTOR DTC144EU
Q12	8-729-905-12 s	TRANSISTOR DTA144EU
Q13	8-729-422-44 s	TRANSISTOR 2SK663
Q14	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q15	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q16	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q17	8-729-422-44 s	TRANSISTOR 2SK663
Q18	8-729-423-93 s	TRANSISTOR 2SD2136-R(TA)
Q19	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q20	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q21	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q22	8-729-117-32 s	TRANSISTOR 2SC4177
Q23	8-729-117-32 s	TRANSISTOR 2SC4177
Q25	8-729-140-93 s	TRANSISTOR 2SB733-34
Q26	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q27	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q28	8-729-804-09 s	TRANSISTOR 2SA1319-T
Q29	8-729-804-09 s	TRANSISTOR 2SA1319-T
Q30	8-729-140-93 s	TRANSISTOR 2SB733-34
Q34	8-729-905-18 s	TRANSISTOR DTC144EU

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
Q35	8-729-905-12 s	TRANSISTOR DTA144EU
Q36	8-729-422-44 s	TRANSISTOR 2SK663
Q201	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q202	8-729-803-89 s	TRANSISTOR 2SC3332-T
Q203	8-729-803-89 s	TRANSISTOR 2SC3332-T
Q204	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q205	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q206	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q207	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q208	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q209	8-729-109-44 s	TRANSISTOR 2SK94
Q210	8-729-203-30 s	TRANSISTOR 2SJ106Y
Q211	8-729-422-44 s	TRANSISTOR 2SK663
Q212	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q213	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q214	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q215	8-729-422-44 s	TRANSISTOR 2SK663
Q216	8-729-423-93 s	TRANSISTOR 2SD2136-R(TA)
Q217	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q218	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q219	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q220	8-729-117-32 s	TRANSISTOR 2SC4177
Q221	8-729-117-32 s	TRANSISTOR 2SC4177
Q223	8-729-140-93 s	TRANSISTOR 2SB733-34
Q224	8-729-905-18 s	TRANSISTOR DTC144EU
Q225	8-729-905-12 s	TRANSISTOR DTA144EU
Q226	8-729-422-44 s	TRANSISTOR 2SK663
Q401	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q402	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q403	8-729-209-06 s	TRANSISTOR 2SC4213-A
R1	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R2	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R3	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R4	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R5	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R7	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R8	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R9	1-216-626-11 s	METAL, CHIP 91 0.5% 1/10W
R10	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R11	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R12	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R13	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R14	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R15	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R16	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R17	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R19-R23	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R20	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R21	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R22	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R23	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R24	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R25	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R26	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R27	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R28	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R30	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R31	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R32	1-216-642-11 s	METAL, CHIP 430 0.5% 1/10W



(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R33	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R34	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R35	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R36	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R37	1-215-479-00	s METAL 270K 1% 1/6W
R38	1-215-471-00	s METAL 120K 1% 1/6W
R39	1-215-479-00	s METAL 270K 1% 1/6W
R40	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R41	1-208-824-11	s METAL, CHIP 56k 0.5% 1/10W
R42	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R44	1-215-493-00	s METAL 1M 1% 1/6W
R45	1-215-453-00	s METAL 22K 1% 1/6W
R46	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R47	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R48	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R49	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R50	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R51	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R52	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R53	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R54	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R56	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R57	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R58	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R59	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R60	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R61	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R62	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R63	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R64	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R65	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R66	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R67	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R68	1-215-493-00	s METAL 1M 1% 1/6W
R69	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R70	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R71	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R72	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R73	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R74	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R75	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R76	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R77	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R78	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R79	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R80	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R81	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R82	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R83	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R84	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R85	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R86	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R87	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R88	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R89	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R90	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R91	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R92	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R93	1-216-121-91	s METAL, CHIP 1M 5% 1/10W

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R94	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R95	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R96	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R97	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R98	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R99	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R100	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R101	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R102	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R103	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R104	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R105	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R106	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R107	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R108	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R109	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R110	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R111	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R112	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R113	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R114	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R115	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R116	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R117	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R118	1-247-807-31	s CARBON 100 5% 1/4W
R119	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R120	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R121	1-247-807-31	s CARBON 100 5% 1/4W
R122	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R123	1-249-389-11	s CARBON 4.7 5% 1/4W
R124	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R125	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R126	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R127	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R128	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R129	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R130	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R131	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R132	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R133	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R134	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R135	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R136	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R137	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R138	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R141	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R142	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R143	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R144	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R145	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R146	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R147	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R148	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R149	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R150	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R151	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R152	1-216-097-91	s METAL, CHIP 100k 5% 1/10W

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R153	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R154	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R155	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R156	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R157	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R158	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R159	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R160	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R161	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R162	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R163	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R164	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R165	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R167	1-216-295-91	s RES, CHIP 0
R168	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R169	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R170	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R171	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R172	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R173	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R174	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R175	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R176	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R177	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R178	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R179	1-216-664-11	s METAL, CHIP 3.6K 0.5% 1/10W
R180	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R181	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R182	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R183	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R184	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R186	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R187	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R188	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R189	1-216-295-91	s RES, CHIP 0
R190	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R201	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R202	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R203	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R204	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R205	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R207	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R208	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R209	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R210	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R211	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R212	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R213	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R214	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R215	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R216	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R217	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R221	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R222	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R228	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R230	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R231	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R232	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R233	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R234	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R235	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R236	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R237	1-215-484-00	s METAL 430K 1% 1/6W
R238	1-215-471-00	s METAL 120K 1% 1/6W
R239	1-215-484-00	s METAL 430K 1% 1/6W
R240	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R241	1-208-824-11	s METAL, CHIP 56k 0.5% 1/10W
R242	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R244	1-215-461-00	s METAL 47K 1% 1/6W
R245	1-215-466-00	s METAL 75K 1% 1/6W
R246	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R247	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R248	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R249	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R250	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R251	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R252	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R253	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R254	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R255	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R256	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R257	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R258	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R259	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R260	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R261	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R262	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R263	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R264	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R265	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R266	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R267	1-215-493-00	s METAL 1M 1% 1/6W
R268	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R269	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R270	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R271	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R272	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R273	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R274	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R275	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R276	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R277	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R278	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R279	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R280	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R281	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R282	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R283	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R284	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R285	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R286	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R287	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R288	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R289	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R290	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R291	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R292	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R293	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R294	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R295	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R296	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R297	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R298	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R299	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R300	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R302	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R303	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R304	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R305	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R306	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R307	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R308	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R309	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R310	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R311	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R312	1-247-807-31	s CARBON 100 5% 1/4W
R313	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R314	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R315	1-247-807-31	s CARBON 100 5% 1/4W
R316	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R317	1-249-389-11	s CARBON 4.7 5% 1/4W
R318	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R319	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R320	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R321	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R322	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R323	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R324	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R325	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R326	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R327	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R328	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R329	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R330	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R332	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R335	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R336	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R337	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R338	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R339	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R341	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R342	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R344	1-216-295-91	s RES, CHIP 0
R345	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R346	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R347	1-216-085-00	s METAL, CHIP 33K 5% 1/10W

(AP-31P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R350	1-216-295-91	s RES, CHIP 0
R351	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R387	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R400	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R402	1-216-295-91	s RES, CHIP 0
R403	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R404	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R407	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R408	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R409	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R410	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R411	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R414	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R415	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R417	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R418	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R419	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R420	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R421	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R422	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R423	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R424	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R425	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R426	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R427	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R428	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R500	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R501	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R502	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R600	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R602	1-247-855-11	s CARBON 10K 5% 1/4W
RV1	1-241-789-11	s RES, ADJ METAL 220k
RV2	1-241-783-11	s RES, ADJ METAL 2.2k
RV3	1-241-783-11	s RES, ADJ METAL 2.2k
RV4	1-241-785-11	s RES, ADJ METAL 10k
RV5	1-241-786-11	s RES, ADJ METAL 22k
RV201	1-241-789-11	s RES, ADJ METAL 220k
RV202	1-241-783-11	s RES, ADJ METAL 2.2k
RV203	1-241-783-11	s RES, ADJ METAL 2.2k
RV204	1-241-785-11	s RES, ADJ METAL 10k
RV205	1-241-786-11	s RES, ADJ METAL 22k
S1	1-570-602-11	s SWITCH, DIP 2-CKT
S2	1-570-602-11	s SWITCH, DIP 2-CKT
S201	1-570-602-11	s SWITCH, DIP 2-CKT
S202	1-570-602-11	s SWITCH, DIP 2-CKT
TH1	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH2	1-807-972-11	s THERMISTOR SV-1715 1.25k

AP-31A BOARD (UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

AP-31A board is used for UVW-1600(J,UC).

lpc	A-8275-279-A	o MOUNTED CIRCUIT BOARD, AP-31A
lpc	3-179-084-01	s LEVER (R), PC BOARD
lpc	3-179-085-01	s LEVER (L), PC BOARD
lpc	3-182-385-02	o PLATE, SHIELD (S), CARD
lpc	3-655-862-00	o SPACER, INSULATING
lpc	7-621-759-45	s SCREW, +PSW2.6x6
lpc	3-182-298-01	o CASE, SHIELD (LID), AP (2)
lpc	3-182-351-01	o CASE, SHIELD, AP (2B)
C2	1-163-131-00	s CERAMIC, CHIP 390PF 5% 50V
C3	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C4	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C7	1-130-485-00	s MYLAR 0.015uF 5% 50V
C8	1-126-933-11	s ELECT 100uF 20% 16V
C9	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C10	1-126-964-11	s ELECT 10uF 20% 50V
C15	1-126-964-11	s ELECT 10uF 20% 50V
C16	1-128-551-11	s ELECT 22uF 20% 50V
C18	1-128-551-11	s ELECT 22uF 20% 50V
C20	1-130-498-00	s MYLAR 0.18uF 5% 50V
C21-C26	1-130-487-00	s MYLAR 0.022uF 5% 50V
C27	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C29	1-130-483-00	s MYLAR 0.01uF 5% 50V
C30	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C31	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C32	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C33	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C34	1-130-483-00	s MYLAR 0.01uF 5% 50V
C35	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C36	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C37	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C38	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C39	1-124-925-11	s ELECT 2.2uF 20% 100V
C40	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C41	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C42	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C43	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C44	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C45	1-130-497-00	s MYLAR 0.15uF 5% 50V
C46	1-124-925-11	s ELECT 2.2uF 20% 100V
C47	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C48	1-130-499-00	s MYLAR 0.22uF 5% 50V
C49	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C50	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C51	1-124-925-11	s ELECT 2.2uF 20% 100V
C52	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C53	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C56	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C57	1-126-947-11	s ELECT 47uF 20% 35V
C58	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C59	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C60	1-126-964-11	s ELECT 10uF 20% 50V
C61	1-126-964-11	s ELECT 10uF 20% 50V
C62	1-126-926-11	s ELECT 1000uF 20% 10V
C63	1-126-926-11	s ELECT 1000uF 20% 10V
C64	1-126-926-11	s ELECT 1000uF 20% 10V
C65	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C66	1-126-926-11	s ELECT 1000uF 20% 10V

(AP-31A BOARD(UVW-1600))

Ref. No.
or Q'ty Part No. SP Description

C67	1-126-947-11	s ELECT 47uF 20% 35V
C68	1-124-903-11	s ELECT 1uF 20% 50V
C69	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C70	1-126-947-11	s ELECT 47uF 20% 35V
C71	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C72	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C77	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C78	1-126-964-11	s ELECT 10uF 20% 50V
C79	1-126-964-11	s ELECT 10uF 20% 50V
C80	1-126-964-11	s ELECT 10uF 20% 50V
C81	1-130-483-00	s MYLAR 0.01uF 5% 50V
C82	1-126-926-11	s ELECT 1000uF 20% 10V
C83	1-126-926-11	s ELECT 1000uF 20% 10V
C84	1-124-925-11	s ELECT 2.2uF 20% 100V
C87	1-126-964-11	s ELECT 10uF 20% 50V
C202	1-163-131-00	s CERAMIC, CHIP 390PF 5% 50V
C203	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C204	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C207	1-130-485-00	s MYLAR 0.015uF 5% 50V
C208	1-126-933-11	s ELECT 100uF 20% 16V
C209	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C215	1-126-964-11	s ELECT 10uF 20% 50V
C216	1-128-551-11	s ELECT 22uF 20% 50V
C218	1-128-551-11	s ELECT 22uF 20% 50V
C220	1-130-498-00	s MYLAR 0.18uF 5% 50V
C221-226	1-130-487-00	s MYLAR 0.022uF 5% 50V
C227	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C229	1-130-483-00	s MYLAR 0.01uF 5% 50V
C230	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C231	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C232	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C233	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C234	1-130-483-00	s MYLAR 0.01uF 5% 50V
C235	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C236	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C237	1-124-925-11	s ELECT 2.2uF 20% 100V
C238	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C239	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C240	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C241	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C242	1-130-497-00	s MYLAR 0.15uF 5% 50V
C243	1-124-925-11	s ELECT 2.2uF 20% 100V
C244	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C245	1-130-499-00	s MYLAR 0.22uF 5% 50V
C246	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C247	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C248	1-124-925-11	s ELECT 2.2uF 20% 100V
C249	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C250	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C253	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C254	1-126-947-11	s ELECT 47uF 20% 35V
C255	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C256	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C257	1-126-964-11	s ELECT 10uF 20% 50V
C258	1-126-964-11	s ELECT 10uF 20% 50V
C259	1-126-926-11	s ELECT 1000uF 20% 10V
C260	1-126-926-11	s ELECT 1000uF 20% 10V
C261	1-126-926-11	s ELECT 1000uF 20% 10V

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
C262	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C263	1-126-926-11 s	ELECT 1000uF 20% 10V
C264	1-126-947-11 s	ELECT 47uF 20% 35V
C265	1-124-903-11 s	ELECT 1uF 20% 50V
C266	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C267	1-126-947-11 s	ELECT 47uF 20% 35V
C268	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C269	1-163-809-11 s	CERAMIC, CHIP 0.047uF 10% 25V
C270	1-124-925-11 s	ELECT 2.2uF 20% 100V
C278	1-126-964-11 s	ELECT 10uF 20% 50V
C279	1-126-964-11 s	ELECT 10uF 20% 50V
C280	1-126-964-11 s	ELECT 10uF 20% 50V
C281	1-130-483-00 s	MYLAR 0.01uF 5% 50V
C282	1-126-926-11 s	ELECT 1000uF 20% 10V
C283	1-126-926-11 s	ELECT 1000uF 20% 10V
C402	1-126-933-11 s	ELECT 100uF 20% 16V
C403	1-163-989-11 s	CERAMIC, CHIP 0.033uF 10% 25V
C408	1-126-964-11 s	ELECT 10uF 20% 50V
C409	1-163-239-11 s	CERAMIC, CHIP 33PF 5% 50V
C410	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C411	1-163-989-11 s	CERAMIC, CHIP 0.033uF 10% 25V
C412	1-126-964-11 s	ELECT 10uF 20% 50V
C413	1-126-964-11 s	ELECT 10uF 20% 50V
C414	1-126-964-11 s	ELECT 10uF 20% 50V
C415	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C416	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C417	1-126-933-11 s	ELECT 100uF 20% 16V
C418	1-126-933-11 s	ELECT 100uF 20% 16V
C419	1-126-964-11 s	ELECT 10uF 20% 50V
C420	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C421	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C422	1-126-933-11 s	ELECT 100uF 20% 16V
C423	1-126-933-11 s	ELECT 100uF 20% 16V
C424	1-126-933-11 s	ELECT 100uF 20% 16V
C425	1-126-933-11 s	ELECT 100uF 20% 16V
C426	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C427	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C428	1-163-989-11 s	CERAMIC, CHIP 0.033uF 10% 25V
C500	1-163-125-00 s	CERAMIC, CHIP 220PF 5% 50V
C501	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
CN1	1-506-468-11 s	CONNECTOR 3P, MALE
CN2	1-564-002-41 s	CONNECTOR 3P, MALE
CN3	1-564-002-11 s	CONNECTOR 3P, MALE
CN111	1-573-600-21 s	CONNECTOR, PHEC 100P, MALE
D1	8-719-941-23 s	DIODE DA204U
D7	8-719-941-23 s	DIODE DA204U
D8	8-719-123-85 s	DIODE 1SS304
D10	8-719-123-85 s	DIODE 1SS304
D11	8-719-123-85 s	DIODE 1SS304
D201	8-719-941-23 s	DIODE DA204U
D206	8-719-941-23 s	DIODE DA204U
D207	8-719-123-85 s	DIODE 1SS304
D209	8-719-123-85 s	DIODE 1SS304
D401	8-719-941-23 s	DIODE DA204U
D403	8-719-941-23 s	DIODE DA204U
D500	8-719-106-88 s	DIODE RD15M-B1
IC1	8-759-701-25 s	IC NJM2068D-D
IC2	8-759-701-25 s	IC NJM2068D-D

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
IC3	8-759-701-25 s	IC NJM2068D-D
IC4	8-759-701-25 s	IC NJM2068D-D
IC5	8-759-705-58 s	IC NJM4558D-D
IC6	8-759-705-58 s	IC NJM4558D-D
IC7	8-759-705-58 s	IC NJM4558D-D
IC8	8-752-018-80 s	IC CX20188
IC9	8-759-705-58 s	IC NJM4558D-D
IC10	8-759-705-58 s	IC NJM4558D-D
IC11	8-759-145-57 s	IC UPC4557C
IC12	8-759-917-18 s	IC SN74HCU04AN
IC13	8-759-917-18 s	IC SN74HCU04AN
IC14	8-759-145-57 s	IC UPC4557C
IC15	8-759-705-58 s	IC NJM4558D-D
IC201	8-759-701-25 s	IC NJM2068D-D
IC202	8-759-701-25 s	IC NJM2068D-D
IC203	8-759-701-25 s	IC NJM2068D-D
IC204	8-759-701-25 s	IC NJM2068D-D
IC205	8-759-705-58 s	IC NJM4558D-D
IC206	8-759-705-58 s	IC NJM4558D-D
IC207	8-759-705-58 s	IC NJM4558D-D
IC208	8-759-705-58 s	IC NJM4558D-D
IC209	8-759-705-58 s	IC NJM4558D-D
IC210	8-759-145-57 s	IC UPC4557C
IC211	8-759-705-58 s	IC NJM4558D-D
IC401	8-759-701-25 s	IC NJM2068D-D
IC402	8-759-729-03 s	IC NJM2903D
IC405	8-759-172-41 s	IC L78M09T-TL
IC406	8-759-173-37 s	IC L79M09T-TL
IC407	8-759-635-83 s	IC M51957BFP
IC408	8-759-172-41 s	IC L78M09T-TL
IC409	8-759-173-37 s	IC L79M09T-TL
IC410	8-759-701-25 s	IC NJM2068D-D
L2	1-408-617-31 s	INDUCTOR 150uH
L202	1-408-617-31 s	INDUCTOR 150uH
L401	1-410-470-11 s	INDUCTOR 10uH
L402	1-410-470-11 s	INDUCTOR 10uH
PS1	△ 1-532-727-11 s	LINK, IC 0.25A
PS2	△ 1-532-727-11 s	LINK, IC 0.25A
Q5	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q6	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q7	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q9	8-729-109-44 s	TRANSISTOR 2SK94
Q11	8-729-905-18 s	TRANSISTOR DTC144EU
Q12	8-729-905-12 s	TRANSISTOR DTA144EU
Q13	8-729-422-44 s	TRANSISTOR 2SK663
Q18	8-729-423-93 s	TRANSISTOR 2SD2136-R(TA)
Q19	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q20	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q21	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q22	8-729-117-32 s	TRANSISTOR 2SC4177
Q23	8-729-117-32 s	TRANSISTOR 2SC4177
Q25	8-729-140-93 s	TRANSISTOR 2SB733-34
Q30	8-729-140-93 s	TRANSISTOR 2SB733-34
Q205	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q206	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q207	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q209	8-729-109-44 s	TRANSISTOR 2SK94
Q211	8-729-422-44 s	TRANSISTOR 2SK663

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
Q216	8-729-423-93	s TRANSISTOR 2SD2136-R(TA)
Q217	8-729-022-00	s TRANSISTOR 2SB1416-R(TA)
Q218	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q219	8-729-021-98	s TRANSISTOR 2SJ226-AZ
Q220	8-729-117-32	s TRANSISTOR 2SC4177
Q221	8-729-117-32	s TRANSISTOR 2SC4177
Q223	8-729-140-93	s TRANSISTOR 2SB733-34
Q403	8-729-209-06	s TRANSISTOR 2SC4213-A
R1	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R5	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R8	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R9	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R10	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R13	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R16	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R17	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R19	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R20	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R23	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R24	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R25	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R26	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R27	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R28	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R30	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R31	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R32	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R33	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R34	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R35	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R36	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R37	1-215-473-00	s METAL 150K 1% 1/6W
R38	1-215-471-00	s METAL 120K 1% 1/6W
R39	1-215-479-00	s METAL 270K 1% 1/6W
R40	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R41	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R42	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R43	1-215-475-00	s METAL 180K 1% 1/6W
R44	1-215-493-00	s METAL 1M 1% 1/6W
R45	1-215-455-00	s METAL 27K 1% 1/6W
R46	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R47	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R51	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R56	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R57	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R58	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R59	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R60	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R61	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R62	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R63	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R64	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R65	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R66	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R67	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R68	1-215-493-00	s METAL 1M 1% 1/6W
R69	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R70	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R71	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R72	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R73	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R74	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R75	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R76	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R77	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R78	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R79	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R80	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R82	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R83	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R84	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R85	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R86	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R87	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R88	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R89	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R90	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R91	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R92	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R93	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R106	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R107	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R108	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R109	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R110	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R111	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R112	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R113	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R114	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R115	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R116	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R117	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R118	1-247-807-31	s CARBON 100 5% 1/4W
R119	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R120	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R121	1-247-807-31	s CARBON 100 5% 1/4W
R122	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R123	1-249-389-11	s CARBON 4.7 5% 1/4W
R124	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R125	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R126	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R127	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R128	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R129	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R130	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R131	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R132	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R133	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R134	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R135	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R136	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R137	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R138	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R141	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R142	1-216-025-91	s METAL, CHIP 100 5% 1/10W

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R143	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R144	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R145-154	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R166	1-216-295-91	s RES, CHIP 0
R178	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R179	1-216-664-11	s METAL, CHIP 3.6K 0.5% 1/10W
R180	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R181	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R182	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R183	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R184	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R186	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R187	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R189	1-216-295-91	s RES, CHIP 0
R190	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R201	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R205	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R208	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R209	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R210	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R213	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R216	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R217	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R228	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R230	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R231	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R232	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R233	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R234	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R235	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R236	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R237	1-215-473-00	s METAL 150K 1% 1/6W
R238	1-215-471-00	s METAL 120K 1% 1/6W
R239	1-215-479-00	s METAL 270K 1% 1/6W
R240	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R241	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R242	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R243	1-215-483-00	s METAL 390K 1% 1/6W
R244	1-215-493-00	s METAL 1M 1% 1/6W
R245	1-215-453-00	s METAL 22K 1% 1/6W
R246	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R247	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R251	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R255	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R256	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R257	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R258	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R259	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R260	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R261	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R262	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R263	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R264	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R265	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R266	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R267	1-215-493-00	s METAL 1M 1% 1/6W
R268	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R269	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R270	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R271	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R272	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R273	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R274	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R276	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R277	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R278	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R279	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R280	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R281	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R282	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R283	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R284	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R285	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R286	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R287	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R300	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R302	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R303	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R304	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R305	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R306	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R307	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R308	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R309	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R310	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R311	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R312	1-247-807-31	s CARBON 100 5% 1/4W
R313	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R314	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R315	1-247-807-31	s CARBON 100 5% 1/4W
R316	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R317	1-249-389-11	s CARBON 4.7 5% 1/4W
R318	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R319	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R320	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R321	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R322	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R323	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R324	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R325	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R326	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R327	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R328	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R329	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R330	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R332	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R335	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W

(AP-31A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R336	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R337	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R338	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R341	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R342	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R343	1-216-295-91	s RES, CHIP 0
R350	1-216-295-91	s RES, CHIP 0
R351	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R387	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R400	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R401	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R407	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R408	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R410	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R414	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R415	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R417	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R418	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R419	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R420	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R421	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R422	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R423	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R424	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R425	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R426	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R427	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R428	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R500	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R501	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R502	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R602	1-247-855-11	s CARBON 10K 5% 1/4W
RV1	1-241-789-11	s RES, ADJ METAL 220k
RV2	1-241-784-11	s RES, ADJ METAL 4.7k
RV3	1-241-783-11	s RES, ADJ METAL 2.2k
RV4	1-241-785-11	s RES, ADJ METAL 10k
RV5	1-241-786-11	s RES, ADJ METAL 22k
RV201	1-241-789-11	s RES, ADJ METAL 220k
RV202	1-241-784-11	s RES, ADJ METAL 4.7k
RV203	1-241-783-11	s RES, ADJ METAL 2.2k
RV204	1-241-785-11	s RES, ADJ METAL 10k
RV205	1-241-786-11	s RES, ADJ METAL 22k
S1	1-570-602-11	s SWITCH, DIP 2-CKT
S2	1-570-602-11	s SWITCH, DIP 2-CKT
S201	1-570-602-11	s SWITCH, DIP 2-CKT
S202	1-570-602-11	s SWITCH, DIP 2-CKT
TH1	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH2	1-807-972-11	s THERMISTOR SV-1715 1.25k

AP-31AP BOARD(UVW-1600P)

Ref. No. or Q'ty	Part No.	SP Description
AP-31AP board is used for UVW-1600P(EK).		
1pc	A-8275-466-A	o MOUNTED CIRCUIT BOARD, AP-31AP
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
1pc	3-182-385-02	o PLATE, SHIELD (S), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-182-298-01	o CASE, SHIELD (LID), AP (2)
1pc	3-182-351-01	o CASE, SHIELD, AP (2B)
C2	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C3	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C4	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C7	1-130-485-00	s MYLAR 0.015uF 5% 50V
C8	1-126-933-11	s ELECT 100uF 20% 16V
C9	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C10	1-126-964-11	s ELECT 10uF 20% 50V
C13	1-130-481-00	s MYLAR 0.0068uF 5% 50V
C14	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C15	1-126-964-11	s ELECT 10uF 20% 50V
C16	1-128-551-11	s ELECT 22uF 20% 50V
C18	1-128-551-11	s ELECT 22uF 20% 50V
C20	1-130-498-00	s MYLAR 0.18uF 5% 50V
C21-C26	1-130-487-00	s MYLAR 0.022uF 5% 50V
C27	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C29	1-130-483-00	s MYLAR 0.01uF 5% 50V
C30	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C31	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C32	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C33	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C34	1-130-483-00	s MYLAR 0.01uF 5% 50V
C35	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C36	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C37	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C38	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C39	1-124-925-11	s ELECT 2.2uF 20% 100V
C40	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C41	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C42	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C43	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C44	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C45	1-130-497-00	s MYLAR 0.15uF 5% 50V
C46	1-124-925-11	s ELECT 2.2uF 20% 100V
C47	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C48	1-130-499-00	s MYLAR 0.22uF 5% 50V
C49	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C50	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C51	1-124-925-11	s ELECT 2.2uF 20% 100V
C52	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C53	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C56	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C57	1-126-947-11	s ELECT 47uF 20% 35V
C58	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C59	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C60	1-126-964-11	s ELECT 10uF 20% 50V
C61	1-126-964-11	s ELECT 10uF 20% 50V
C62	1-126-926-11	s ELECT 1000uF 20% 10V
C63	1-126-926-11	s ELECT 1000uF 20% 10V
C64	1-126-926-11	s ELECT 1000uF 20% 10V
C65	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C66	1-126-926-11	s ELECT 1000uF 20% 10V
C67	1-126-947-11	s ELECT 47uF 20% 35V
C68	1-124-903-11	s ELECT 1uF 20% 50V
C69	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C70	1-126-947-11	s ELECT 47uF 20% 35V
C71	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C72	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C77	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C78	1-126-964-11	s ELECT 10uF 20% 50V
C79	1-126-964-11	s ELECT 10uF 20% 50V
C80	1-126-964-11	s ELECT 10uF 20% 50V
C81	1-130-483-00	s MYLAR 0.01uF 5% 50V
C82	1-126-926-11	s ELECT 1000uF 20% 10V
C83	1-126-926-11	s ELECT 1000uF 20% 10V
C84	1-124-925-11	s ELECT 2.2uF 20% 100V
C87	1-126-964-11	s ELECT 10uF 20% 50V
C202	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C203	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C204	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C207	1-130-485-00	s MYLAR 0.015uF 5% 50V
C208	1-126-933-11	s ELECT 100uF 20% 16V
C209	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C213	1-130-481-00	s MYLAR 0.0068uF 5% 50V
C214	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C215	1-126-964-11	s ELECT 10uF 20% 50V
C216	1-128-551-11	s ELECT 22uF 20% 50V
C218	1-128-551-11	s ELECT 22uF 20% 50V
C220	1-130-498-00	s MYLAR 0.18uF 5% 50V
C221-226	1-130-487-00	s MYLAR 0.022uF 5% 50V
C227	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C229	1-130-483-00	s MYLAR 0.01uF 5% 50V
C230	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C231	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C232	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C233	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C234	1-130-483-00	s MYLAR 0.01uF 5% 50V
C235	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C236	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C237	1-124-925-11	s ELECT 2.2uF 20% 100V
C238	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C239	1-107-498-11	s FILM, CHIP 0.0022uF 2% 50V
C240	1-107-499-11	s FILM, CHIP 0.0039uF 2% 16V
C241	1-131-345-00	s TANTALUM 0.47uF 10% 35V
C242	1-130-497-00	s MYLAR 0.15uF 5% 50V
C243	1-124-925-11	s ELECT 2.2uF 20% 100V
C244	1-104-553-11	s FILM, CHIP 0.015uF 5% 16V
C245	1-130-499-00	s MYLAR 0.22uF 5% 50V
C246	1-164-344-11	s CERAMIC, CHIP 0.068uF 10% 25V
C247	1-104-560-11	s FILM, CHIP 0.056uF 5% 16V
C248	1-124-925-11	s ELECT 2.2uF 20% 100V
C249	1-107-553-11	s FILM, CHIP 0.0056uF 2% 16V
C250	1-104-551-11	s FILM, CHIP 0.01uF 5% 16V
C253	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C254	1-126-947-11	s ELECT 47uF 20% 35V
C255	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C256	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C257	1-126-964-11	s ELECT 10uF 20% 50V
C258	1-126-964-11	s ELECT 10uF 20% 50V

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C259	1-126-926-11	s ELECT 1000uF 20% 10V
C260	1-126-926-11	s ELECT 1000uF 20% 10V
C261	1-126-926-11	s ELECT 1000uF 20% 10V
C262	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C263	1-126-926-11	s ELECT 1000uF 20% 10V
C264	1-126-947-11	s ELECT 47uF 20% 35V
C265	1-124-903-11	s ELECT 1uF 20% 50V
C266	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C267	1-126-947-11	s ELECT 47uF 20% 35V
C268	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C269	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C270	1-124-925-11	s ELECT 2.2uF 20% 100V
C278	1-126-964-11	s ELECT 10uF 20% 50V
C279	1-126-964-11	s ELECT 10uF 20% 50V
C280	1-126-964-11	s ELECT 10uF 20% 50V
C281	1-130-483-00	s MYLAR 0.01uF 5% 50V
C282	1-126-926-11	s ELECT 1000uF 20% 10V
C283	1-126-926-11	s ELECT 1000uF 20% 10V
C402	1-126-933-11	s ELECT 100uF 20% 16V
C403	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C408	1-126-964-11	s ELECT 10uF 20% 50V
C409	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C410	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C411	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C412	1-126-964-11	s ELECT 10uF 20% 50V
C413	1-126-964-11	s ELECT 10uF 20% 50V
C414	1-126-964-11	s ELECT 10uF 20% 50V
C415	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C416	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C417	1-126-933-11	s ELECT 100uF 20% 16V
C418	1-126-933-11	s ELECT 100uF 20% 16V
C419	1-126-964-11	s ELECT 10uF 20% 50V
C420	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C421	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C422	1-126-933-11	s ELECT 100uF 20% 16V
C423	1-126-933-11	s ELECT 100uF 20% 16V
C424	1-126-933-11	s ELECT 100uF 20% 16V
C425	1-126-933-11	s ELECT 100uF 20% 16V
C426	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C427	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C428	1-163-989-11	s CERAMIC, CHIP 0.033uF 10% 25V
C500	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C501	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
CN1	1-506-468-11	s CONNECTOR 3P, MALE
CN2	1-564-002-41	s CONNECTOR 3P, MALE
CN3	1-564-002-11	s CONNECTOR 3P, MALE
CN111	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
D1	8-719-941-23	s DIODE DA204U
D7	8-719-941-23	s DIODE DA204U
D8	8-719-123-85	s DIODE ISS304
D10	8-719-123-85	s DIODE ISS304
D11	8-719-123-85	s DIODE ISS304
D201	8-719-941-23	s DIODE DA204U
D206	8-719-941-23	s DIODE DA204U
D207	8-719-123-85	s DIODE ISS304
D209	8-719-123-85	s DIODE ISS304
D401	8-719-941-23	s DIODE DA204U
D403	8-719-941-23	s DIODE DA204U

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
D500	8-719-106-88 s	DIODE RD15M-B1
IC1	8-759-701-25 s	IC NJM2068D-D
IC2	8-759-701-25 s	IC NJM2068D-D
IC3	8-759-701-25 s	IC NJM2068D-D
IC4	8-759-701-25 s	IC NJM2068D-D
IC5	8-759-705-58 s	IC NJM4558D-D
IC6	8-759-705-58 s	IC NJM4558D-D
IC7	8-759-705-58 s	IC NJM4558D-D
IC8	8-752-018-80 s	IC CX20188
IC9	8-759-705-58 s	IC NJM4558D-D
IC10	8-759-705-58 s	IC NJM4558D-D
IC11	8-759-145-57 s	IC UPC4557C
IC12	8-759-917-18 s	IC SN74HCU04AN
IC13	8-759-917-18 s	IC SN74HCU04AN
IC14	8-759-145-57 s	IC UPC4557C
IC15	8-759-705-58 s	IC NJM4558D-D
IC201	8-759-701-25 s	IC NJM2068D-D
IC202	8-759-701-25 s	IC NJM2068D-D
IC203	8-759-701-25 s	IC NJM2068D-D
IC204	8-759-701-25 s	IC NJM2068D-D
IC205	8-759-705-58 s	IC NJM4558D-D
IC206	8-759-705-58 s	IC NJM4558D-D
IC207	8-759-705-58 s	IC NJM4558D-D
IC208	8-759-705-58 s	IC NJM4558D-D
IC209	8-759-705-58 s	IC NJM4558D-D
IC210	8-759-145-57 s	IC UPC4557C
IC211	8-759-705-58 s	IC NJM4558D-D
IC401	8-759-701-25 s	IC NJM2068D-D
IC402	8-759-729-03 s	IC NJM2903D
IC405	8-759-172-41 s	IC L78M09T-TL
IC406	8-759-173-37 s	IC L79M09T-TL
IC407	8-759-635-83 s	IC M51957BFP
IC408	8-759-172-41 s	IC L78M09T-TL
IC409	8-759-173-37 s	IC L79M09T-TL
IC410	8-759-701-25 s	IC NJM2068D-D
L2	1-408-617-31 s	INDUCTOR 150uH
L202	1-408-617-31 s	INDUCTOR 150uH
L401	1-410-470-11 s	INDUCTOR 10uH
L402	1-410-470-11 s	INDUCTOR 10uH
PS1	△ 1-532-727-11 s	LINK, IC 0.25A
PS2	△ 1-532-727-11 s	LINK, IC 0.25A
Q5	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q6	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q7	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q9	8-729-109-44 s	TRANSISTOR 2SK94
Q11	8-729-905-18 s	TRANSISTOR DTC144EU
Q12	8-729-905-12 s	TRANSISTOR DTA144EU
Q13	8-729-422-44 s	TRANSISTOR 2SK663
Q18	8-729-423-93 s	TRANSISTOR 2SD2136-R(TA)
Q19	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q20	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q21	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q22	8-729-117-32 s	TRANSISTOR 2SC4177
Q23	8-729-117-32 s	TRANSISTOR 2SC4177
Q25	8-729-140-93 s	TRANSISTOR 2SB733-34
Q30	8-729-140-93 s	TRANSISTOR 2SB733-34
Q205	8-729-209-06 s	TRANSISTOR 2SC4213-A

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
Q206	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q207	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q209	8-729-109-44 s	TRANSISTOR 2SK94
Q211	8-729-422-44 s	TRANSISTOR 2SK663
Q216	8-729-423-93 s	TRANSISTOR 2SD2136-R(TA)
Q217	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q218	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q219	8-729-021-98 s	TRANSISTOR 2SJ226-AZ
Q220	8-729-117-32 s	TRANSISTOR 2SC4177
Q221	8-729-117-32 s	TRANSISTOR 2SC4177
Q223	8-729-140-93 s	TRANSISTOR 2SB733-34
Q403	8-729-209-06 s	TRANSISTOR 2SC4213-A
R1	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R5	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R8	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R9	1-216-626-11 s	METAL, CHIP 91 0.5% 1/10W
R10	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R13	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R15	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R16	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R17	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R19	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R20	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R23	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R24	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R25	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R26	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R27	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R28	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R30	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R31	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R32	1-216-642-11 s	METAL, CHIP 430 0.5% 1/10W
R33	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R34	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R35	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R36	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R37	1-215-479-00 s	METAL 270K 1% 1/6W
R38	1-215-471-00 s	METAL 120K 1% 1/6W
R39	1-215-484-00 s	METAL 430K 1% 1/6W
R40	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R41	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R42	1-216-695-11 s	METAL, CHIP 68K 0.5% 1/10W
R44	1-215-479-00 s	METAL 270K 1% 1/6W
R45	1-215-463-00 s	METAL 56K 1% 1/6W
R46	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R47	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R51	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R56	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R57	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R58	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R59	1-216-622-11 s	METAL, CHIP 62 0.5% 1/10W
R60	1-216-678-11 s	METAL, CHIP 13K 0.5% 1/10W
R61	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R62	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R63	1-216-622-11 s	METAL, CHIP 62 0.5% 1/10W
R64	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R65	1-216-676-11 s	METAL, CHIP 11K 0.5% 1/10W
R66	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W



(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R67	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R68	1-215-493-00	s METAL 1M 1% 1/6W
R69	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R70	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R71	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R72	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R73	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R74	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R75	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R76	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R77	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R78	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R79	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R80	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R82	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R83	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R84	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R85	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R86	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R87	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R88	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R89	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R90	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R91	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R92	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R93	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R106	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R107	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R108	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R109	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R110	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R111	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R112	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R113	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R114	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R115	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R116	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R117	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R118	1-247-807-31	s CARBON 100 5% 1/4W
R119	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R120	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R121	1-247-807-31	s CARBON 100 5% 1/4W
R122	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R123	1-249-389-11	s CARBON 4.7 5% 1/4W
R124	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R125	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R126	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R127	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R128	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R129	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R130	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R131	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R132	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R133	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R134	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R135	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R136	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R137	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R138	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R141	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R142	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R143	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R144	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R145-154	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R166	1-216-295-91	s RES, CHIP 0
R178	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R179	1-216-664-11	s METAL, CHIP 3.6K 0.5% 1/10W
R180	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R181	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R182	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R183	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R184	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R186	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R187	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R189	1-216-295-91	s RES, CHIP 0
R190	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R201	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R205	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R208	1-216-105-91	s METAL, CHIP 220k 5% 1/10W
R209	1-216-626-11	s METAL, CHIP 91 0.5% 1/10W
R210	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R213	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R215	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R216	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R217	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R228	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R230	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R231	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R232	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R233	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R234	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R235	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R236	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R237	1-215-484-00	s METAL 430K 1% 1/6W
R238	1-215-484-00	s METAL 430K 1% 1/6W
R239	1-215-484-00	s METAL 430K 1% 1/6W
R240	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R241	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R242	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R244	1-215-487-00	s METAL 560K 1% 1/6W
R245	1-215-466-00	s METAL 75K 1% 1/6W
R246	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R247	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R251	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R255	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R256	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R257	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R258	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R259	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R260	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R261	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R262	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R263	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R264	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R265	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R266	1-208-785-11	s METAL, CHIP 1.3k 0.5% 1/10W
R267	1-215-493-00	s METAL 1M 1% 1/6W
R268	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R269	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R270	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R271	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R272	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R273	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R274	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R276	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R277	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R278	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R279	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R280	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R281	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R282	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R283	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R284	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R285	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R286	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R287	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R300	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R302	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R303	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R304	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R305	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R306	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R307	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R308	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R309	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R310	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R311	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R312	1-247-807-31	s CARBON 100 5% 1/4W
R313	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R314	△ 1-216-399-00	s WIREWOUND 6.8 10% 3W
R315	1-247-807-31	s CARBON 100 5% 1/4W
R316	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R317	1-249-389-11	s CARBON 4.7 5% 1/4W
R318	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R319	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R320	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R321	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R322	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R323	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R324	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R325	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R326	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R327	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R328	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
R329	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R330	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W

(AP-31AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R332	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R335	1-216-684-91	s METAL, CHIP 24k 0.5% 1/10W
R336	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R337	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R338	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R341	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R342	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R343	1-216-295-91	s RES, CHIP 0
R350	1-216-295-91	s RES, CHIP 0
R351	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R387	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R400	1-216-603-11	s METAL, CHIP 10 0.5% 1/10W
R401	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R402	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R403	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R407	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R408	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R410	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R412	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R413	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R414	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R415	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R417	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R418	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R419	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R420	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R421	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R422	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R423	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R424	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R425	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R426	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R427	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R428	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R500	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R501	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R502	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R602	1-247-855-11	s CARBON 10K 5% 1/4W
RV1	1-241-789-11	s RES, ADJ METAL 220k
RV2	1-241-783-11	s RES, ADJ METAL 2.2k
RV3	1-241-783-11	s RES, ADJ METAL 2.2k
RV4	1-241-785-11	s RES, ADJ METAL 10k
RV5	1-241-786-11	s RES, ADJ METAL 22k
RV201	1-241-789-11	s RES, ADJ METAL 220k
RV202	1-241-783-11	s RES, ADJ METAL 2.2k
RV203	1-241-783-11	s RES, ADJ METAL 2.2k
RV204	1-241-785-11	s RES, ADJ METAL 10k
RV205	1-241-786-11	s RES, ADJ METAL 22k
S1	1-570-602-11	s SWITCH, DIP 2-CKT
S2	1-570-602-11	s SWITCH, DIP 2-CKT
S201	1-570-602-11	s SWITCH, DIP 2-CKT
S202	1-570-602-11	s SWITCH, DIP 2-CKT
TH1,2	1-807-972-11	s THERMISTOR SV-1715 1.25k

AR-14 BOARD(UVW-1800)

Ref. No. or Q'ty	Part No.	SP Description
AR-14 board is used for UVW-1800(J,UC).		
1pc	A-8275-287-A	o MOUNTED CIRCUIT BOARD, AR-14
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C1	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C2	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C3	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C4	1-126-964-11	s ELECT 10uF 20% 50V
C5	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C6	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C7	1-126-964-11	s ELECT 10uF 20% 50V
C8	1-126-964-11	s ELECT 10uF 20% 50V
C9	1-126-964-11	s ELECT 10uF 20% 50V
C10	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C11	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C12	1-126-933-11	s ELECT 100uF 20% 16V
C13	1-126-933-11	s ELECT 100uF 20% 16V
C14	1-126-933-11	s ELECT 100uF 20% 16V
C15	1-126-933-11	s ELECT 100uF 20% 16V
C16-C20	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C21	1-126-933-11	s ELECT 100uF 20% 16V
C22	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C23	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C101	1-126-947-11	s ELECT 47uF 20% 35V
C102	1-126-947-11	s ELECT 47uF 20% 35V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-126-950-11	s ELECT 330uF 20% 35V
C105	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C106	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C107	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C108	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C109	1-126-947-11	s ELECT 47uF 20% 35V
C110	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C111	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C112	1-126-933-11	s ELECT 100uF 20% 16V
C113	1-126-933-11	s ELECT 100uF 20% 16V
C114	1-131-353-00	s TANTALUM 10uF 10% 35V
C115	1-130-475-00	s MYLAR 0.0022uF 5% 50V
C116	1-130-471-00	s MYLAR 0.001uF 5% 50V
C117	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C118	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C119	1-130-489-00	s MYLAR 0.033uF 5% 50V
C120	1-130-473-00	s MYLAR 0.0015uF 5% 50V
C121	1-130-494-11	s MYLAR 0.082uF 5% 50V
C122	1-126-964-11	s ELECT 10uF 20% 50V
C123	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C124	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C130	1-126-964-11	s ELECT 10uF 20% 50V
C131	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C132	1-130-485-00	s MYLAR 0.015uF 5% 50V
C133	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C134	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C135	1-130-479-00	s MYLAR 0.0047uF 5% 50V
C136	1-130-487-00	s MYLAR 0.022uF 5% 50V
C137	1-126-964-11	s ELECT 10uF 20% 50V
C201	1-126-947-11	s ELECT 47uF 20% 35V
C202	1-126-947-11	s ELECT 47uF 20% 35V
C203	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C204	1-126-950-11	s ELECT 330uF 20% 35V
C205	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C206	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C207	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C208	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C209	1-126-947-11	s ELECT 47uF 20% 35V
C210	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C211	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C212	1-126-933-11	s ELECT 100uF 20% 16V
C213	1-126-933-11	s ELECT 100uF 20% 16V
C214	1-131-353-00	s TANTALUM 10uF 10% 35V
C215	1-130-475-00	s MYLAR 0.0022uF 5% 50V
C216	1-130-471-00	s MYLAR 0.001uF 5% 50V
C217	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C218	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C219	1-130-489-00	s MYLAR 0.033uF 5% 50V
C220	1-130-473-00	s MYLAR 0.0015uF 5% 50V
C221	1-130-494-11	s MYLAR 0.082uF 5% 50V
C222	1-126-964-11	s ELECT 10uF 20% 50V
C223	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C224	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C230	1-126-964-11	s ELECT 10uF 20% 50V
C231	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C232	1-130-485-00	s MYLAR 0.015uF 5% 50V
C233	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C234	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C235	1-130-479-00	s MYLAR 0.0047uF 5% 50V
C236	1-130-487-00	s MYLAR 0.022uF 5% 50V
C237	1-126-964-11	s ELECT 10uF 20% 50V
C301	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C302	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C303	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C305	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C307	1-131-347-00	s TANTALUM 1uF 10% 35V
C308	1-131-347-00	s TANTALUM 1uF 10% 35V
C309	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C312	1-131-347-00	s TANTALUM 1uF 10% 35V
C313	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C322	1-131-347-00	s TANTALUM 1uF 10% 35V
C323	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C332	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C333	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C334	1-126-963-11	s ELECT 4.7uF 20% 50V
C335	1-136-561-11	s FILM 0.0068uF 5% 630V
C336	1-131-347-00	s TANTALUM 1uF 10% 35V
C337	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C342	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C343	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C344	1-126-963-11	s ELECT 4.7uF 20% 50V
C345	1-136-561-11	s FILM 0.0068uF 5% 630V
C346	1-131-347-00	s TANTALUM 1uF 10% 35V
C347	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C352	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C353	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C354	1-126-947-11	s ELECT 47uF 20% 35V
C355	1-136-561-11	s FILM 0.0068uF 5% 630V
C356	1-131-347-00	s TANTALUM 1uF 10% 35V
C364	1-109-900-11	s CERAMIC, CHIP 470pF 5% 200V
C374	1-109-900-11	s CERAMIC, CHIP 470pF 5% 200V

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
CN1	1-506-474-11	s CONNECTOR 9P, MALE
CN112	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
D1	8-719-123-85	s DIODE 1SS304
D101	8-719-941-23	s DIODE DA204U
D102	8-719-941-23	s DIODE DA204U
D103	8-719-941-23	s DIODE DA204U
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
D301	8-719-123-82	s DIODE 1SS303-T1
D302	8-719-123-82	s DIODE 1SS303-T1
D303	8-719-123-82	s DIODE 1SS303-T1
D304	8-719-157-23	s DIODE RD4.7M-B
D305	8-719-123-82	s DIODE 1SS303-T1
D306	8-719-157-23	s DIODE RD4.7M-B
D311	8-719-123-82	s DIODE 1SS303-T1
D312	8-719-157-23	s DIODE RD4.7M-B
D313	8-719-123-82	s DIODE 1SS303-T1
D314	8-719-123-82	s DIODE 1SS303-T1
D321	8-719-123-82	s DIODE 1SS303-T1
D322	8-719-157-23	s DIODE RD4.7M-B
D323	8-719-123-82	s DIODE 1SS303-T1
D324	8-719-123-82	s DIODE 1SS303-T1
D331	8-719-123-82	s DIODE 1SS303-T1
D332	8-719-157-23	s DIODE RD4.7M-B
D334	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D402	8-719-123-82	s DIODE 1SS303-T1
IC1	8-759-140-53	s IC UPD4053BC
IC2	8-759-705-58	s IC NJM4558D-D
IC3	8-759-917-18	s IC SN74HCU04AN
IC5	8-759-168-20	s IC TA78L09S
IC6	8-759-700-68	s IC NJM79L09A
IC7	8-759-168-20	s IC TA78L09S
IC101	8-759-705-58	s IC NJM4558D-D
IC102	8-759-705-58	s IC NJM4558D-D
IC103	8-759-705-58	s IC NJM4558D-D
IC104	8-759-705-58	s IC NJM4558D-D
IC105	8-759-705-58	s IC NJM4558D-D
IC201	8-759-705-58	s IC NJM4558D-D
IC202	8-759-705-58	s IC NJM4558D-D
IC203	8-759-705-58	s IC NJM4558D-D
IC204	8-759-705-58	s IC NJM4558D-D
IC205	8-759-705-58	s IC NJM4558D-D
IC301	8-759-917-18	s IC SN74HCU04AN
IC302	8-759-917-37	s IC MC74HC4024N
IC303	8-759-038-14	s IC MC74HC4538AN
IC304	8-759-916-16	s IC MC74HC08AN
IC305	8-759-921-19	s IC SN74HC161N
IC306	8-759-032-81	s IC MC74HC74N
IC307	8-759-917-18	s IC SN74HCU04AN
IC308	8-759-916-16	s IC MC74HC08AN
IC309	8-759-135-80	s IC UPC358C
IC310	8-759-135-80	s IC UPC358C
IC311	8-759-916-12	s IC SN74HC00N
IC312	8-759-917-18	s IC SN74HCU04AN
IC313	8-759-135-80	s IC UPC358C

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
IC314	8-759-916-12	s IC SN74HC00N
IC315	8-759-705-58	s IC NJM4558D-D
IC316	8-759-705-58	s IC NJM4558D-D
L1	1-410-470-11	s INDUCTOR 10uH
L2	1-410-470-11	s INDUCTOR 10uH
L101	1-410-478-11	s INDUCTOR 47uH
L102	1-407-496-00	s INDUCTOR 2.2mH
L201	1-410-478-11	s INDUCTOR 47uH
L202	1-407-496-00	s INDUCTOR 2.2mH
L301	1-410-470-11	s INDUCTOR 10uH
L311	1-410-470-11	s INDUCTOR 10uH
L321	1-410-470-11	s INDUCTOR 10uH
LV101	1-410-853-21	s COIL, VAR 4.5uH
LV201	1-410-853-21	s COIL, VAR 4.5uH
LV301	1-414-007-11	s COIL, VAR 1.5uH
LV311	1-414-007-11	s COIL, VAR 1.5uH
LV321	1-414-007-11	s COIL, VAR 1.5uH
PS1	△ 1-532-727-11	s LINK, IC 0.25A
PS2	△ 1-532-727-11	s LINK, IC 0.25A
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q3	8-729-905-12	s TRANSISTOR DTA144EU
Q4	8-729-905-12	s TRANSISTOR DTA144EU
Q5	8-729-905-12	s TRANSISTOR DTA144EU
Q101	8-729-209-06	s TRANSISTOR 2SC4213-A
Q102	8-729-905-18	s TRANSISTOR DTC144EU
Q103	8-729-905-12	s TRANSISTOR DTA144EU
Q104	8-729-140-98	s TRANSISTOR 2SD773-3
Q105	8-729-140-98	s TRANSISTOR 2SD773-3
Q201	8-729-209-06	s TRANSISTOR 2SC4213-A
Q202	8-729-905-18	s TRANSISTOR DTC144EU
Q203	8-729-905-12	s TRANSISTOR DTA144EU
Q204	8-729-140-98	s TRANSISTOR 2SD773-3
Q205	8-729-140-98	s TRANSISTOR 2SD773-3
Q301	8-729-203-30	s TRANSISTOR 2SJ106Y
Q302	8-729-140-93	s TRANSISTOR 2SB733-34
Q303	8-729-203-30	s TRANSISTOR 2SJ106Y
Q304	8-729-140-93	s TRANSISTOR 2SB733-34
Q305	8-729-140-98	s TRANSISTOR 2SD773-3
Q306	8-729-140-98	s TRANSISTOR 2SD773-3
Q311	8-729-203-30	s TRANSISTOR 2SJ106Y
Q312	8-729-140-93	s TRANSISTOR 2SB733-34
Q313	8-729-905-12	s TRANSISTOR DTA144EU
Q314	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q315	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q316	8-729-140-98	s TRANSISTOR 2SD773-3
Q317	8-729-140-98	s TRANSISTOR 2SD773-3
Q318	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q319	8-729-140-98	s TRANSISTOR 2SD773-3
Q321	8-729-203-30	s TRANSISTOR 2SJ106Y
Q322	8-729-140-93	s TRANSISTOR 2SB733-34
Q323	8-729-905-12	s TRANSISTOR DTA144EU
Q324	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q325	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q326	8-729-140-98	s TRANSISTOR 2SD773-3
Q327	8-729-140-98	s TRANSISTOR 2SD773-3
Q328	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q329	8-729-140-98	s TRANSISTOR 2SD773-3

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
Q331	8-729-203-30	s TRANSISTOR 2SJ106Y
Q332	8-729-140-93	s TRANSISTOR 2SB733-34
Q333	8-729-905-12	s TRANSISTOR DTA144EU
Q334	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q335	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q336	8-729-140-98	s TRANSISTOR 2SD773-3
Q337	8-729-140-98	s TRANSISTOR 2SD773-3
Q339	8-729-140-98	s TRANSISTOR 2SD773-3
R1	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R2	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R3	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R4	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R5	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R6	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R7	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R8	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R9	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R10	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R11	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R12	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R13	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R14	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R15	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R16	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R17	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R18-R25	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R26	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R27	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R103	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R104	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R105	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R106	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R107	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R108	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R109	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R110	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R111	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R112	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R113	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R114	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R115	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R116	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R117	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R118	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R119	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R120	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R122	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R123	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R124	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R125	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R126	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R127	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R128	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R129	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R130	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R131	1-216-295-91	s RES, CHIP 0
R132	1-216-097-91	s METAL, CHIP 100k 5% 1/10W

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R133	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R134	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R135	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R136	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R137	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R138	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R139	△ 1-215-905-11	s METAL 10 5% 3W
R140	△ 1-215-905-11	s METAL 10 5% 3W
R141	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R142	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R143	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R144	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R146	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R147	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R148	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R149	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R150	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R151-155	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R152	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R153	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R154	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R155	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R156	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R203	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R204	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R205	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R206	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R207	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R208	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R209	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R210	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R211	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R212	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R213	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R214	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R215	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R216	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R217	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R218	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R221	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R222	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R225	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R228	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R229	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R230	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R231	1-216-295-91	s RES, CHIP 0
R232	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R233	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R234	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R235	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R236	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R237	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R238	1-216-089-91	s METAL, CHIP 47k 5% 1/10W

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R239	△ 1-215-905-11	s METAL, 10 5% 3W
R240	△ 1-215-905-11	s METAL, 10 5% 3W
R241	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R242	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R243	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R244	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R246	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R247	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R248	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R249	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R250	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R251	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R252	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R253	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R254	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R255	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R256	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R301	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R302	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R303	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R304	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R305	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R306	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R307	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R308	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R309	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R310	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R311	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R312	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R313	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R314	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R315	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R316	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R317	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R318	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R319	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R320	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R321	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R322	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R323	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R324	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R325	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R326	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R327	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R328	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R329	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R330	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R331	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R332	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R341	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R342	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R343	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R344	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R345	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R346	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R347	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R348	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R349	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R350	1-216-089-91	s METAL, CHIP 47k 5% 1/10W

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R351	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R352	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R353	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R354	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R355	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R356	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R357	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R358	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R359	△ 1-216-397-11	s METAL 4.7 5% 3W
R361	△ 1-216-397-11	s METAL 4.7 5% 3W
R363	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R364	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R365	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R366	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R371	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R372	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R373	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R374	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R375	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R376	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R377	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R378	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R379	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R380	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R381	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R382	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R383	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R384	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R385	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R386	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R387	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R388	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R389	△ 1-216-397-11	s METAL 4.7 5% 3W
R391	△ 1-216-397-11	s METAL 4.7 5% 3W
R393	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R394	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R395	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R396	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R397	1-249-421-11	s CARBON 2.2K 5% 1/4W
R398	1-249-421-11	s CARBON 2.2K 5% 1/4W
R399	1-249-421-11	s CARBON 2.2K 5% 1/4W
R401	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R402	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R403	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R404	1-216-295-91	s RES, CHIP 0
R405	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R406	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R407	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R408	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R409	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R410	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R411	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R412	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R413	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R414	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R415	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R417	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R418	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W

(AR-14 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R419	△ 1-216-397-11	s METAL 4.7 5% 3W
R421	△ 1-216-397-11	s METAL 4.7 5% 3W
R423	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R426	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
RV106	1-241-783-11	s RES, ADJ METAL 2.2k
RV107	1-241-786-11	s RES, ADJ METAL 22k
RV108	1-241-785-11	s RES, ADJ METAL 10k
RV109	1-241-761-11	s RES, ADJ METAL 1k
RV110	1-241-761-11	s RES, ADJ METAL 1k
RV111	1-241-784-11	s RES, ADJ METAL 4.7k
RV112	1-241-785-11	s RES, ADJ METAL 10k
RV206	1-241-783-11	s RES, ADJ METAL 2.2k
RV207	1-241-786-11	s RES, ADJ METAL 22k
RV208	1-241-785-11	s RES, ADJ METAL 10k
RV209	1-241-761-11	s RES, ADJ METAL 1k
RV210	1-241-761-11	s RES, ADJ METAL 1k
RV211	1-241-784-11	s RES, ADJ METAL 4.7k
RV212	1-241-785-11	s RES, ADJ METAL 10k
RV301	1-241-765-11	s RES, ADJ METAL 22k
RV302	1-241-765-11	s RES, ADJ METAL 22k
RY301	1-515-434-00	s RELAY, REED
RY311	1-515-434-00	s RELAY, REED
S103	1-570-602-11	s SWITCH, DIP 2-CKT
S203	1-570-602-11	s SWITCH, DIP 2-CKT
T101	1-423-870-11	s TRANSFORMER, BIAS OSC
T201	1-423-870-11	s TRANSFORMER, BIAS OSC
T301	1-424-511-11	s TRANSFORMER, FE
T311	1-424-511-11	s TRANSFORMER, FE
T321	1-424-511-11	s TRANSFORMER, FE
TH1	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH2	1-807-972-11	s THERMISTOR SV-1715 1.25k
X301	1-567-861-21	s CRYSTAL 4.194304MHz

AR-14P BOARD(UVW-1800P)

Ref. No. or Q'ty	Part No.	SP Description
AR-14P board is used for UVW-1800P(EK).		
1pc	A-8275-472-A	o MOUNTED CIRCUIT BOARD, AR-14P
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C1	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C2	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C3	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C4	1-126-964-11	s ELECT 10uF 20% 50V
C5	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C6	1-163-137-00	s CERAMIC, CHIP 680PF 5% 50V
C7	1-126-964-11	s ELECT 10uF 20% 50V
C8	1-126-964-11	s ELECT 10uF 20% 50V
C9	1-126-964-11	s ELECT 10uF 20% 50V
C10	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C11	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C12	1-126-933-11	s ELECT 100uF 20% 16V
C13	1-126-933-11	s ELECT 100uF 20% 16V
C14	1-126-933-11	s ELECT 100uF 20% 16V
C15	1-126-933-11	s ELECT 100uF 20% 16V
C16-C20	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C21	1-126-933-11	s ELECT 100uF 20% 16V
C22	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C23	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C101	1-126-947-11	s ELECT 47uF 20% 35V
C102	1-126-947-11	s ELECT 47uF 20% 35V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-126-950-11	s ELECT 330uF 20% 35V
C105	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C106	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C107	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C108	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C109	1-126-947-11	s ELECT 47uF 20% 35V
C110	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C111	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C112	1-126-933-11	s ELECT 100uF 20% 16V
C113	1-126-933-11	s ELECT 100uF 20% 16V
C114	1-131-353-00	s TANTALUM 10uF 10% 35V
C115	1-130-476-00	s MYLAR 0.0027uF 5% 50V
C116	1-130-474-00	s MYLAR 0.0018uF 5% 50V
C117	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C119	1-130-489-00	s MYLAR 0.033uF 5% 50V
C120	1-130-476-00	s MYLAR 0.0027uF 5% 50V
C121	1-130-494-11	s MYLAR 0.082uF 5% 50V
C122	1-126-964-11	s ELECT 10uF 20% 50V
C123	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C124	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C130	1-126-964-11	s ELECT 10uF 20% 50V
C131	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C132	1-130-485-00	s MYLAR 0.015uF 5% 50V
C133	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C134	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C135	1-130-483-00	s MYLAR 0.01uF 5% 50V
C136	1-130-483-00	s MYLAR 0.01uF 5% 50V
C137	1-126-964-11	s ELECT 10uF 20% 50V
C201	1-126-947-11	s ELECT 47uF 20% 35V
C202	1-126-947-11	s ELECT 47uF 20% 35V
C203	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C204	1-126-950-11	s ELECT 330uF 20% 35V

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C205	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C206	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C207	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C208	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C209	1-126-947-11	s ELECT 47uF 20% 35V
C210	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C211	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C212	1-126-933-11	s ELECT 100uF 20% 16V
C213	1-126-933-11	s ELECT 100uF 20% 16V
C214	1-131-353-00	s TANTALUM 10uF 10% 35V
C215	1-130-476-00	s MYLAR 0.0027uF 5% 50V
C216	1-130-474-00	s MYLAR 0.0018uF 5% 50V
C217	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C219	1-130-489-00	s MYLAR 0.033uF 5% 50V
C220	1-130-476-00	s MYLAR 0.0027uF 5% 50V
C221	1-130-494-11	s MYLAR 0.082uF 5% 50V
C222	1-126-964-11	s ELECT 10uF 20% 50V
C223	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C224	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C230	1-126-964-11	s ELECT 10uF 20% 50V
C231	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C232	1-130-485-00	s MYLAR 0.015uF 5% 50V
C233	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C234	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C235	1-130-483-00	s MYLAR 0.01uF 5% 50V
C236	1-130-483-00	s MYLAR 0.01uF 5% 50V
C237	1-126-964-11	s ELECT 10uF 20% 50V
C301	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C302	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C303	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C305	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C307	1-131-347-00	s TANTALUM 1uF 10% 35V
C308	1-131-347-00	s TANTALUM 1uF 10% 35V
C309	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C312	1-131-347-00	s TANTALUM 1uF 10% 35V
C313	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C322	1-131-347-00	s TANTALUM 1uF 10% 35V
C323	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C332	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C333	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C334	1-126-963-11	s ELECT 4.7uF 20% 50V
C335	1-136-561-11	s FILM 0.0068uF 5% 630V
C336	1-131-347-00	s TANTALUM 1uF 10% 35V
C337	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C342	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C343	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C344	1-126-963-11	s ELECT 4.7uF 20% 50V
C345	1-136-561-11	s FILM 0.0068uF 5% 630V
C346	1-131-347-00	s TANTALUM 1uF 10% 35V
C347	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C352	1-131-349-00	s TANTALUM 2.2uF 10% 35V
C353	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C354	1-126-947-11	s ELECT 47uF 20% 35V
C355	1-136-561-11	s FILM 0.0068uF 5% 630V
C356	1-131-347-00	s TANTALUM 1uF 10% 35V
C364	1-109-900-11	s CERAMIC, CHIP 470pF 5% 200V
C374	1-109-900-11	s CERAMIC, CHIP 470pF 5% 200V
CN1	1-506-474-11	s CONNECTOR 9P, MALE

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
CN112	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
D1	8-719-123-85	s DIODE 1SS304
D101	8-719-941-23	s DIODE DA204U
D102	8-719-941-23	s DIODE DA204U
D103	8-719-941-23	s DIODE DA204U
D201	8-719-941-23	s DIODE DA204U
D202	8-719-941-23	s DIODE DA204U
D203	8-719-941-23	s DIODE DA204U
D301	8-719-123-82	s DIODE 1SS303-T1
D302	8-719-123-82	s DIODE 1SS303-T1
D303	8-719-123-82	s DIODE 1SS303-T1
D304	8-719-157-23	s DIODE RD4.7M-B
D305	8-719-123-82	s DIODE 1SS303-T1
D306	8-719-157-23	s DIODE RD4.7M-B
D311	8-719-123-82	s DIODE 1SS303-T1
D312	8-719-157-23	s DIODE RD4.7M-B
D313	8-719-123-82	s DIODE 1SS303-T1
D314	8-719-123-82	s DIODE 1SS303-T1
D321	8-719-123-82	s DIODE 1SS303-T1
D322	8-719-157-23	s DIODE RD4.7M-B
D323	8-719-123-82	s DIODE 1SS303-T1
D324	8-719-123-82	s DIODE 1SS303-T1
D331	8-719-123-82	s DIODE 1SS303-T1
D332	8-719-157-23	s DIODE RD4.7M-B
D334	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D402	8-719-123-82	s DIODE 1SS303-T1
IC1	8-759-140-53	s IC UPD4053BC
IC2	8-759-705-58	s IC NJM4558D-D
IC3	8-759-917-18	s IC SN74HCU04AN
IC5	8-759-168-20	s IC TA78L09S
IC6	8-759-700-68	s IC NJM79L09A
IC7	8-759-168-20	s IC TA78L09S
IC101	8-759-705-58	s IC NJM4558D-D
IC102	8-759-705-58	s IC NJM4558D-D
IC103	8-759-705-58	s IC NJM4558D-D
IC104	8-759-705-58	s IC NJM4558D-D
IC105	8-759-705-58	s IC NJM4558D-D
IC201	8-759-705-58	s IC NJM4558D-D
IC202	8-759-705-58	s IC NJM4558D-D
IC203	8-759-705-58	s IC NJM4558D-D
IC204	8-759-705-58	s IC NJM4558D-D
IC205	8-759-705-58	s IC NJM4558D-D
IC301	8-759-917-18	s IC SN74HCU04AN
IC302	8-759-917-37	s IC MC74HC4024N
IC303	8-759-038-14	s IC MC74HC4538AN
IC304	8-759-916-16	s IC MC74HC08AN
IC305	8-759-921-19	s IC SN74HC161N
IC306	8-759-032-81	s IC MC74HC74N
IC307	8-759-917-18	s IC SN74HCU04AN
IC308	8-759-916-16	s IC MC74HC08AN
IC309	8-759-135-80	s IC UPC358C
IC310	8-759-135-80	s IC UPC358C
IC311	8-759-916-12	s IC SN74HC00N
IC312	8-759-917-18	s IC SN74HCU04AN
IC313	8-759-135-80	s IC UPC358C
IC314	8-759-916-12	s IC SN74HC00N

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
IC315	8-759-705-58	s IC NJM4558D-D
IC316	8-759-705-58	s IC NJM4558D-D
L1	1-410-470-11	s INDUCTOR 10uH
L2	1-410-470-11	s INDUCTOR 10uH
L101	1-410-478-11	s INDUCTOR 47uH
L102	1-407-496-00	s INDUCTOR 2.2mH
L201	1-410-478-11	s INDUCTOR 47uH
L202	1-407-496-00	s INDUCTOR 2.2mH
L301	1-410-470-11	s INDUCTOR 10uH
L311	1-410-470-11	s INDUCTOR 10uH
L321	1-410-470-11	s INDUCTOR 10uH
LV101	1-410-853-21	s COIL, VAR 4.5uH
LV201	1-410-853-21	s COIL, VAR 4.5uH
LV301	1-414-007-11	s COIL, VAR 1.5uH
LV311	1-414-007-11	s COIL, VAR 1.5uH
LV321	1-414-007-11	s COIL, VAR 1.5uH
PS1	△ 1-532-727-11	s LINK, IC 0.25A
PS2	△ 1-532-727-11	s LINK, IC 0.25A
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q3	8-729-905-12	s TRANSISTOR DTA144EU
Q4	8-729-905-12	s TRANSISTOR DTA144EU
Q5	8-729-905-12	s TRANSISTOR DTA144EU
Q101	8-729-209-06	s TRANSISTOR 2SC4213-A
Q102	8-729-905-18	s TRANSISTOR DTC144EU
Q103	8-729-905-12	s TRANSISTOR DTA144EU
Q104	8-729-140-98	s TRANSISTOR 2SD773-3
Q105	8-729-140-98	s TRANSISTOR 2SD773-3
Q201	8-729-209-06	s TRANSISTOR 2SC4213-A
Q202	8-729-905-18	s TRANSISTOR DTC144EU
Q203	8-729-905-12	s TRANSISTOR DTA144EU
Q204	8-729-140-98	s TRANSISTOR 2SD773-3
Q205	8-729-140-98	s TRANSISTOR 2SD773-3
Q301	8-729-203-30	s TRANSISTOR 2SJ106Y
Q302	8-729-140-93	s TRANSISTOR 2SB733-34
Q303	8-729-203-30	s TRANSISTOR 2SJ106Y
Q304	8-729-140-93	s TRANSISTOR 2SB733-34
Q305	8-729-140-98	s TRANSISTOR 2SD773-3
Q306	8-729-140-98	s TRANSISTOR 2SD773-3
Q311	8-729-203-30	s TRANSISTOR 2SJ106Y
Q312	8-729-140-93	s TRANSISTOR 2SB733-34
Q313	8-729-905-12	s TRANSISTOR DTA144EU
Q314	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q315	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q316	8-729-140-98	s TRANSISTOR 2SD773-3
Q317	8-729-140-98	s TRANSISTOR 2SD773-3
Q318	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q319	8-729-140-98	s TRANSISTOR 2SD773-3
Q321	8-729-203-30	s TRANSISTOR 2SJ106Y
Q322	8-729-140-93	s TRANSISTOR 2SB733-34
Q323	8-729-905-12	s TRANSISTOR DTA144EU
Q324	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q325	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q326	8-729-140-98	s TRANSISTOR 2SD773-3
Q327	8-729-140-98	s TRANSISTOR 2SD773-3
Q328	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q329	8-729-140-98	s TRANSISTOR 2SD773-3
Q331	8-729-203-30	s TRANSISTOR 2SJ106Y

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
Q332	8-729-140-93	s TRANSISTOR 2SB733-34
Q333	8-729-905-12	s TRANSISTOR DTA144EU
Q334	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q335	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q336	8-729-140-98	s TRANSISTOR 2SD773-3
Q337	8-729-140-98	s TRANSISTOR 2SD773-3
Q339	8-729-140-98	s TRANSISTOR 2SD773-3
R1	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R2	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R3	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R4	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R5	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R6	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R7	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R8	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R9	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R10	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R11	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R12	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R13	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R14	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R15	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R16	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R17	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R18-R25	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R26	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R27	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R103	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R104	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R105	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R106	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R107	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R108	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R109	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R110	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R111	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R112	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R113	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R114	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R115	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R116	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R117	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R118	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R119	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R120	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R122	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R123	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R124	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R125	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R126	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R127	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R128	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R130	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R131	1-216-295-91	s RES, CHIP 0
R132	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R133	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R134	1-216-041-00	s METAL, CHIP 470 5% 1/10W

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R135	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R136	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R137	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R138	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R139	△ 1-215-905-11	s METAL 10 5% 3W
R140	△ 1-215-905-11	s METAL 10 5% 3W
R141	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R142	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R143	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R144	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R146	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R147	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R148	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R149	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R150	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R151-155	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R156	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R203	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R204	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R205	1-216-642-11	s METAL, CHIP 430 0.5% 1/10W
R206	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R207	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R208	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R209	1-216-073-00	s METAL, CHIP 100k 5% 1/10W
R210	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R211	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R212	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R213	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R214	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R215	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R216	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R217	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R218	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R221	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R222	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R223	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R224	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R225	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R226	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R227	1-216-674-11	s METAL, CHIP 9.1K 0.5% 1/10W
R228	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R230	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R231	1-216-295-91	s RES, CHIP 0
R232	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R233	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R234	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R235	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R236	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R237	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R238	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R239	△ 1-215-905-11	s METAL 10 5% 3W
R240	△ 1-215-905-11	s METAL 10 5% 3W
R241	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R242	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R243	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R244	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R246	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R247	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R248	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R249	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R250	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R251-255	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R256	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R301	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R302	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R303	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R304	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R305	1-208-803-11	s METAL, CHIP 7.5k 0.5% 1/10W
R306	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R307	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R308	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R309	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R310	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R311	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R312	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R313	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R314	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R315	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R316	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R317	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R318	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R319	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R320	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R321	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R322	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R323	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R324	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R325	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R326	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R327	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R328	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R329	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R330	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R331	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R332	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R341	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R342	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R343	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R344	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R345	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R346	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R347	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R348	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R349	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R350	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R351	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R352	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R353	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R354	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R355	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R356	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R357	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R358	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R359	△ 1-216-397-11	s METAL 4.7 5% 3W
R361	△ 1-216-397-11	s METAL 4.7 5% 3W
R363	1-217-671-11	s METAL, CHIP 1 5% 1/10W



(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R364	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R365	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R366	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R371	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R372	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R373	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R374	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R375	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R376	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R377	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R378	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R379	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R380	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R381	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R382	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R383	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R384	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R385	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R386	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R387	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R388	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R389	△ 1-216-397-11	s METAL 4.7 5% 3W
R391	△ 1-216-397-11	s METAL 4.7 5% 3W
R393	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R394	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R395	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R396	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R397	1-249-421-11	s CARBON 2.2K 5% 1/4W
R398	1-249-421-11	s CARBON 2.2K 5% 1/4W
R399	1-249-421-11	s CARBON 2.2K 5% 1/4W
R401	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R402	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R403	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R404	1-216-295-91	s RES, CHIP 0
R405	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R406	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R407	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R408	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R409	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R410	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R411	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R412	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R413	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R414	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R415	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R416	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R417	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R418	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R419	△ 1-216-397-11	s METAL 4.7 5% 3W
R421	△ 1-216-397-11	s METAL 4.7 5% 3W
R423	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R426	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
RV106	1-241-783-11	s RES, ADJ METAL 2.2k
RV107	1-241-786-11	s RES, ADJ METAL 22k
RV108	1-241-783-11	s RES, ADJ METAL 2.2k
RV109	1-241-761-11	s RES, ADJ METAL 1k
RV110	1-241-761-11	s RES, ADJ METAL 1k
RV111	1-241-784-11	s RES, ADJ METAL 4.7k

(AR-14P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
RV112	1-241-785-11	s RES, ADJ METAL 10k
RV206	1-241-783-11	s RES, ADJ METAL 2.2k
RV207	1-241-786-11	s RES, ADJ METAL 22k
RV208	1-241-783-11	s RES, ADJ METAL 2.2k
RV209	1-241-761-11	s RES, ADJ METAL 1k
RV210	1-241-761-11	s RES, ADJ METAL 1k
RV211	1-241-784-11	s RES, ADJ METAL 4.7k
RV212	1-241-785-11	s RES, ADJ METAL 10k
RV301	1-241-765-11	s RES, ADJ METAL 22k
RV302	1-241-765-11	s RES, ADJ METAL 22k
RY301	1-515-434-00	s RELAY, REED
RY311	1-515-434-00	s RELAY, REED
S103	1-570-602-11	s SWITCH, DIP 2-CKT
S203	1-570-602-11	s SWITCH, DIP 2-CKT
T101	1-423-870-11	s TRANSFORMER, BIAS OSC
T201	1-423-870-11	s TRANSFORMER, BIAS OSC
T301	1-424-511-11	s TRANSFORMER, FE
T311	1-424-511-11	s TRANSFORMER, FE
T321	1-424-511-11	s TRANSFORMER, FE
TH1	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH2	1-807-972-11	s THERMISTOR SV-1715 1.25k
X301	1-567-861-21	s CRYSTAL 4.194304MHz

CL-29 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-626-B	o MOUNTED CIRCUIT BOARD, CL-29
1pc	3-171-424-02	o HOLDER, SENSOR
C1	1-161-051-00	s CERAMIC 0.01uF 10% 50V
CN930	1-564-011-11	o CONNECTOR 12P, MALE
CN931	1-564-001-11	o CONNECTOR 2P, MALE
CN933	1-573-599-11	s CONNECTOR 5P, FEMALE
CN935	1-564-001-11	o CONNECTOR 2P, MALE
D1	8-719-938-07	s LED GL480, INFRARED
D2	8-719-938-07	s LED GL480, INFRARED
Q1	8-729-903-81	s PHOTOTRANSISTOR PT480
Q2	8-729-903-81	s PHOTOTRANSISTOR PT480
R1	1-247-825-31	s CARBON 560 5% 1/4W
R2	1-247-825-31	s CARBON 560 5% 1/4W

CP-225 BOARD(UVW-1800/1800P)

Ref. No.
or Q'ty Part No. SP Description

CP-225 board is used for UVW-1800/1800P(J,UC,EK).

1pc	A-8276-738-A	o MOUNTED CIRCUIT BOARD, CP-225
C1	1-126-933-11	s ELECT 100uF 20% 16V
C2	1-126-933-11	s ELECT 100uF 20% 16V
C3	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C6	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C7	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN2	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN3	1-573-590-13	s CONNECTOR, CIRCULAR 4P(S), FEMALE
CN5	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN6	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN7	1-573-590-13	s CONNECTOR, CIRCULAR 4P(S), FEMALE
CN9	1-766-596-11	s JACK, PIN 1P
CN10	1-573-589-11	s CONNECTOR, CIRCULAR 12P, MALE
CN11	1-573-592-11	s CONNECTOR, CIRCULAR 12P, FEMALE
CN651	1-564-014-11	s CONNECTOR 4P, MALE
CN652	1-506-486-11	s CONNECTOR 7P, MALE
CN653	1-506-485-11	s CONNECTOR 6P, MALE
CN654	1-506-491-11	s CONNECTOR 12P, MALE
CN655	1-506-493-11	s CONNECTOR 14P, MALE
CN656	1-564-001-11	o CONNECTOR 2P, MALE
FL3	1-236-058-11	s FILTER, NOISE
FL4	1-236-058-11	s FILTER, NOISE
FL5	1-236-129-11	s FILTER, NOISE
FL6	1-236-129-11	s FILTER, NOISE
FL7	1-236-129-11	s FILTER, NOISE
FL8	1-236-129-11	s FILTER, NOISE
FL9	1-236-129-11	s FILTER, NOISE
FL10	1-236-129-11	s FILTER, NOISE
FL11	1-236-129-11	s FILTER, NOISE
FL12	1-236-129-11	s FILTER, NOISE
JW1-JW9	1-219-202-11	s RES 0
JW13-17	1-219-202-11	s RES 0
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-117-32	s TRANSISTOR 2SC4177
R1	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R2	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R3	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R4	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R5	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R6	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R7	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R8	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R9	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R10	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R11-R16	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
S1	1-570-157-51	s SWITCH, SLIDE
S2	1-570-157-51	s SWITCH, SLIDE
S3	1-570-756-11	s SWITCH, SLIDE

CP-225A BOARD(UVW-1600/1600P)

Ref. No.
or Q'ty Part No. SP Description

CP-225A board is used for UVW-1600/1600P(J,UC,EK).

1pc	A-8276-732-A	o MOUNTED CIRCUIT BOARD, CP-225A
C1	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C6	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C7	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN5	1-573-583-11	s CONNECTOR, BNC, FEMALE
CN6	1-573-582-11	s CONNECTOR, BNC, FEMALE
CN7	1-573-590-13	s CONNECTOR, CIRCULAR 4P(S), FEMALE
CN9	1-766-596-11	s JACK, PIN 1P
CN11	1-573-592-11	s CONNECTOR, CIRCULAR 12P, FEMALE
CN651	1-564-014-11	s CONNECTOR 4P, MALE
CN652	1-506-486-11	s CONNECTOR 7P, MALE
CN653	1-506-485-11	s CONNECTOR 6P, MALE
CN655	1-506-493-11	s CONNECTOR 14P, MALE
CN656	1-564-001-11	o CONNECTOR 2P, MALE
FL6	1-236-129-11	s FILTER, NOISE
FL7	1-236-129-11	s FILTER, NOISE
FL8	1-236-129-11	s FILTER, NOISE
FL9	1-236-129-11	s FILTER, NOISE
FL10	1-236-129-11	s FILTER, NOISE
FL11	1-236-129-11	s FILTER, NOISE
FL12	1-236-129-11	s FILTER, NOISE
JW2	1-219-202-11	s RES 0
JW8	1-219-202-11	s RES 0
JW9	1-219-202-11	s RES 0
JW13	1-219-202-11	s RES 0
JW16	1-219-202-11	s RES 0
Q1	8-729-117-32	s TRANSISTOR 2SC4177
R1	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R2	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R3	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R4	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R9	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R16	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
S1	1-570-157-51	s SWITCH, SLIDE

CP-226 BOARD(UVW-1800/1800P)

Ref. No.
or Q'ty Part No. SP Description

CP-226 board is used for UVW-1800/1800P(UC,EK).

1pc	A-8276-739-A	o	MOUNTED CIRCUIT BOARD, CP-226
C1	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C21	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
CN101	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN102	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN274	1-506-486-11	s	CONNECTOR 7P, MALE
CN275	1-506-485-11	s	CONNECTOR 6P, MALE
CN276	1-564-001-11	o	CONNECTOR 2P, MALE
R1	1-216-295-91	s	RES, CHIP 0
R2	1-216-295-91	s	RES, CHIP 0
R5	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R6	1-216-295-91	s	RES, CHIP 0
R7	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R8	1-216-295-91	s	RES, CHIP 0
R11	1-216-295-91	s	RES, CHIP 0
R12	1-216-295-91	s	RES, CHIP 0
R21	1-216-295-91	s	RES, CHIP 0
R22	1-216-295-91	s	RES, CHIP 0
R25	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R27	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R28	1-216-295-91	s	RES, CHIP 0
R31	1-216-295-91	s	RES, CHIP 0
S1	1-570-157-11	s	SWITCH, SLIDE
S2	1-570-157-11	s	SWITCH, SLIDE
T1	1-427-586-11	s	TRANSFORMER, INPUT/OUTPUT
T2	1-427-586-11	s	TRANSFORMER, INPUT/OUTPUT

CP-226J BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

CP-226J board is used for UVW-1800(J).

1pc	A-8276-762-A	o	MOUNTED CIRCUIT BOARD, CP-226J
C1	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C21	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
CN101	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN102	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN274	1-506-486-11	s	CONNECTOR 7P, MALE
CN275	1-506-485-11	s	CONNECTOR 6P, MALE
CN276	1-564-001-11	o	CONNECTOR 2P, MALE
R3	1-216-295-91	s	RES, CHIP 0
R4	1-216-295-91	s	RES, CHIP 0
R5	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R6	1-216-295-91	s	RES, CHIP 0
R7	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R9	1-216-295-91	s	RES, CHIP 0
R10	1-216-295-91	s	RES, CHIP 0
R12	1-216-295-91	s	RES, CHIP 0
R23	1-216-295-91	s	RES, CHIP 0
R24	1-216-295-91	s	RES, CHIP 0
R25	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R27	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R29	1-216-295-91	s	RES, CHIP 0
R30	1-216-295-91	s	RES, CHIP 0
S1	1-570-157-11	s	SWITCH, SLIDE
S2	1-570-157-11	s	SWITCH, SLIDE
T1	1-427-586-11	s	TRANSFORMER, INPUT/OUTPUT
T2	1-427-586-11	s	TRANSFORMER, INPUT/OUTPUT

CP-226A BOARD(UVW-1600/1600P)

Ref. No.
or Q'ty Part No. SP Description

CP-226A board is used for UVW-1600/1600P(UC,EK).

1pc	A-8276-733-A	o MOUNTED CIRCUIT BOARD, CP-226A
C1	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C21	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN102	1-750-785-11	s CONNECTOR, XLR 3P, MALE
CN274	1-506-486-11	s CONNECTOR 7P, MALE
CN276	1-564-001-11	o CONNECTOR 2P, MALE
R7	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R8	1-216-295-91	s RES, CHIP 0
R11	1-216-295-91	s RES, CHIP 0
R12	1-216-295-91	s RES, CHIP 0
R27	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R28	1-216-295-91	s RES, CHIP 0
R31	1-216-295-91	s RES, CHIP 0
T1	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT
T2	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT

CP-226AJ BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

CP-226AJ board is used for UVW-1600(J).

1pc	A-8276-763-A	o MOUNTED CIRCUIT BOARD, CP-226AJ
C1	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C21	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
CN102	1-750-786-11	s CONNECTOR XLR 3P, FEMALE
CN274	1-506-486-11	s CONNECTOR 7P, MALE
CN276	1-564-001-11	o CONNECTOR 2P, MALE
R7	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R9	1-216-295-91	s RES, CHIP 0
R10	1-216-295-91	s RES, CHIP 0
R12	1-216-295-91	s RES, CHIP 0
R27	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R29	1-216-295-91	s RES, CHIP 0
R30	1-216-295-91	s RES, CHIP 0
T1	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT
T2	1-427-586-11	s TRANSFORMER, INPUT/OUTPUT

CP-237 BOARD

Ref. No.
or Q'ty Part No. SP Description

CP-237 board is used for UVW-1800/1800P(J,UC,EK).

1pc	A-8276-741-A	o MOUNTED CIRCUIT BOARD, CP-237
CN501	1-764-259-11	s CONNECTOR, D-SUB 15P, MALE
CN502	1-573-566-11	s CONNECTOR, D-SUB 9P, FEMALE
CN532	1-563-462-11	o CONNECTOR, FPC 17P

DR-214 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8275-290-A	o MOUNTED CIRCUIT BOARD, DR-214
6pcs	4-911-232-01	s SHEET, INSULATING
1pc	3-182-357-01	o HEAT SINK (L), DR
1pc	3-182-358-01	o HEAT SINK (R), DR
1pc	3-183-144-01	o HEAT SINK (D), DR
16pcs	7-682-548-04	s SCREW, +B3x8
3pcs	9-911-841-XX	s CUSHION (B)
C1,C2	1-126-940-11	s ELECT 330uF 20% 25V
C3	1-126-933-11	s ELECT 100uF 20% 16V
C4	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-124-589-11	s ELECT 47uF 20% 16V
C6	1-125-404-00	s DOUBLE LAYERS 0.47F 5.5V
C7	1-131-347-00	s TANTALUM 1uF 10% 35V
C8	1-126-940-11	s ELECT 330uF 20% 25V
C51	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C52	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C53	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C54	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C55	1-130-489-00	s MYLAR 0.033uF 5% 50V
C56	1-130-489-00	s MYLAR 0.033uF 5% 50V
C57	1-130-489-00	s MYLAR 0.033uF 5% 50V
C58	1-126-096-11	s ELECT 10uF 20% 35V
C59	1-126-096-11	s ELECT 10uF 20% 35V
C60	1-126-096-11	s ELECT 10uF 20% 35V
C61	1-164-097-11	s CERAMIC 0.022uF 50V
C62	1-164-097-11	s CERAMIC 0.022uF 50V
C101	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C102	1-130-489-00	s MYLAR 0.033uF 5% 50V
C103	1-164-035-11	s CERAMIC 47pF 5% 50V
C104	1-164-035-11	s CERAMIC 47pF 5% 50V
C151-155	1-126-096-11	s ELECT 10uF 20% 35V
C152	1-126-096-11	s ELECT 10uF 20% 35V
C153	1-126-096-11	s ELECT 10uF 20% 35V
C154	1-126-096-11	s ELECT 10uF 20% 35V
C155	1-126-096-11	s ELECT 10uF 20% 35V
C156	1-164-095-11	s CERAMIC 0.01uF 10% 16V
C201	1-124-248-00	s ELECT 22uF 20% 35V
C202	1-124-248-00	s ELECT 22uF 20% 35V
C203	1-124-248-00	s ELECT 22uF 20% 35V
C204	1-124-248-00	s ELECT 22uF 20% 35V
C205	1-130-489-00	s MYLAR 0.033uF 5% 50V
C206	1-130-489-00	s MYLAR 0.033uF 5% 50V
C207	1-164-035-11	s CERAMIC 47pF 5% 50V
C208	1-164-035-11	s CERAMIC 47pF 5% 50V
C209	1-164-035-11	s CERAMIC 47pF 5% 50V
C210	1-164-097-11	s CERAMIC 0.022uF 50V
C211	1-164-097-11	s CERAMIC 0.022uF 50V
C212	1-164-035-11	s CERAMIC 47pF 5% 50V
C251	1-124-248-00	s ELECT 22uF 20% 35V
C252	1-124-248-00	s ELECT 22uF 20% 35V
C253	1-124-248-00	s ELECT 22uF 20% 35V
C254	1-124-248-00	s ELECT 22uF 20% 35V
C255	1-130-489-00	s MYLAR 0.033uF 5% 50V
C256	1-130-489-00	s MYLAR 0.033uF 5% 50V
C257	1-164-097-11	s CERAMIC 0.022uF 50V
C258	1-164-097-11	s CERAMIC 0.022uF 50V
C259	1-164-035-11	s CERAMIC 47pF 5% 50V
C260	1-164-035-11	s CERAMIC 47pF 5% 50V

(DR-214 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C261	1-164-035-11	s CERAMIC 47pF 5% 50V
C264	1-164-035-11	s CERAMIC 47pF 5% 50V
C301	1-124-248-00	s ELECT 22uF 20% 35V
C303	1-130-491-00	s MYLAR 0.047uF 5% 50V
C304	1-130-495-00	s MYLAR 0.1uF 5% 50V
C305	1-126-160-11	s ELECT 1uF 20% 50V
C306	1-126-096-11	s ELECT 10uF 20% 35V
C308	1-164-097-11	s CERAMIC 0.022uF 50V
C309	1-164-097-11	s CERAMIC 0.022uF 50V
C310	1-161-494-00	s CERAMIC 0.022uF 25V
C311	1-161-494-00	s CERAMIC 0.022uF 25V
C313	1-130-491-00	s MYLAR 0.047uF 5% 50V
C314	1-130-495-00	s MYLAR 0.1uF 5% 50V
C315	1-130-495-00	s MYLAR 0.1uF 5% 50V
C316	1-130-491-00	s MYLAR 0.047uF 5% 50V
C317	1-130-477-00	s MYLAR 0.0033uF 5% 50V
C318	1-162-290-31	s CERAMIC 470PF 10% 50V
C319	1-130-477-00	s MYLAR 0.0033uF 5% 50V
C320	1-126-096-11	s ELECT 10uF 20% 35V
C321	1-162-290-31	s CERAMIC 470PF 10% 50V
C322	1-162-282-31	s CERAMIC 100PF 10% 50V
C323	1-162-282-31	s CERAMIC 100PF 10% 50V
C324	1-126-096-11	s ELECT 10uF 20% 35V
C325	1-161-494-00	s CERAMIC 0.022uF 25V
C326	1-161-494-00	s CERAMIC 0.022uF 25V
C327	1-161-494-00	s CERAMIC 0.022uF 25V
C328	1-130-495-00	s MYLAR 0.1uF 5% 50V
C331	1-130-487-00	s MYLAR 0.022uF 5% 50V
C332	1-126-096-11	s ELECT 10uF 20% 35V
C333	1-130-495-00	s MYLAR 0.1uF 5% 50V
C335	1-130-491-00	s MYLAR 0.047uF 5% 50V
C337	1-162-288-31	s CERAMIC 330PF 10% 50V
C339	1-131-388-00	s TANTALUM 68uF 10% 6.3V
C340	1-131-388-00	s TANTALUM 68uF 10% 6.3V
C341	1-124-248-00	s ELECT 22uF 20% 35V
C343	1-124-248-00	s ELECT 22uF 20% 35V
C345	1-126-947-11	s ELECT 47uF 20% 35V
C349	1-164-097-11	s CERAMIC 0.022uF 50V
CN300	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
CN301	1-563-017-11	o CONNECTOR, FPC 30P
CN302	1-563-017-11	o CONNECTOR, FPC 30P
CN303	1-563-017-11	o CONNECTOR, FPC 30P
D1	8-719-986-73	s DIODE RB441Q
D151-156	8-719-200-02	s DIODE 10E2
D301	8-719-911-19	s DIODE 1SS119
D302	8-719-911-19	s DIODE 1SS119
D303	8-719-911-19	s DIODE 1SS119
D304	8-719-911-19	s DIODE 1SS119
D306	8-719-911-19	s DIODE 1SS119
IC1	8-759-603-69	s IC M51957BL
IC51	8-759-106-41	s IC UPC4570C
IC52	8-759-801-95	s IC LB1620
IC151	8-759-205-56	s IC TA7267P
IC152	8-759-205-56	s IC TA7267P
IC153	8-759-205-56	s IC TA7267P
IC201	8-759-106-41	s IC UPC4570C
IC251	8-759-106-41	s IC UPC4570C
IC301	8-759-106-41	s IC UPC4570C

(DR-214 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC302	8-759-106-41	s IC UPC4570C
IC303	8-759-729-03	s IC NJM2903D
IC304	8-759-106-41	s IC UPC4570C
IC305	8-759-106-41	s IC UPC4570C
IC306	8-759-729-03	s IC NJM2903D
IC307	8-759-140-53	s IC UPD4053BC
IC308	8-759-800-72	s IC LA7205
IC310	8-743-914-00	s IC BX3914
IC311	8-759-705-58	s IC NJM4558D-D
IC313	8-759-140-53	s IC UPD4053BC
L1	1-412-533-21	s INDUCTOR 47uH
PS1	1-532-679-00	s LINK, IC 0.6A
PS2	1-532-679-00	s LINK, IC 0.6A
Q1	8-729-900-89	s TRANSISTOR DTC144ES
Q51	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q52	8-729-021-83	s TRANSISTOR 2SA1020-Y-TPE6
Q53	8-729-400-12	s TRANSISTOR 2SB941-P
Q101	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q102	8-729-021-83	s TRANSISTOR 2SA1020-Y-TPE6
Q103	8-729-400-12	s TRANSISTOR 2SB941-P
Q151	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q152	8-729-141-83	s TRANSISTOR 2SA473-Y
Q153	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q154	8-729-400-12	s TRANSISTOR 2SB941-P
Q155	8-729-021-83	s TRANSISTOR 2SA1020-Y-TPE6
Q201	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q202	8-729-021-83	s TRANSISTOR 2SA1020-Y-TPE6
Q203	8-729-102-47	s TRANSISTOR 2SA1141-Q
Q204	8-729-102-57	s TRANSISTOR 2SC3012
Q205	8-729-102-14	s TRANSISTOR 2SD1021-F
Q206	8-729-205-02	s TRANSISTOR 2SA1150-Y
Q207	8-729-102-47	s TRANSISTOR 2SA1141-Q
Q208	8-729-102-57	s TRANSISTOR 2SC3012
Q251	8-729-265-52	s TRANSISTOR 2SC2655-Y
Q252	8-729-021-83	s TRANSISTOR 2SA1020-Y-TPE6
Q253	8-729-102-47	s TRANSISTOR 2SA1141-Q
Q254	8-729-102-57	s TRANSISTOR 2SC3012
Q255	8-729-102-14	s TRANSISTOR 2SD1021-F
Q256	8-729-205-02	s TRANSISTOR 2SA1150-Y
Q257	8-729-102-47	s TRANSISTOR 2SA1141-Q
Q258	8-729-102-57	s TRANSISTOR 2SC3012
Q301	8-729-900-89	s TRANSISTOR DTC144ES
Q302	8-729-900-89	s TRANSISTOR DTC144ES
Q303	8-729-119-76	s TRANSISTOR 2SA1115P
R1	△ 1-215-860-11	s METAL 33 5% 1W
R2	1-215-461-00	s METAL 47K 1% 1/6W
R3	1-215-457-00	s METAL 33K 1% 1/6W
R4	1-249-437-11	s CARBON 47K 5% 1/4W
R51	1-249-429-11	s CARBON 10K 5% 1/4W
R52	1-249-429-11	s CARBON 10K 5% 1/4W
R53	△ 1-216-389-11	s METAL 1 5% 3W
R54	1-249-437-11	s CARBON 47K 5% 1/4W
R55	1-249-437-11	s CARBON 47K 5% 1/4W
R56	1-249-393-11	s CARBON 10 5% 1/4W
R57	1-249-393-11	s CARBON 10 5% 1/4W
R58	1-249-393-11	s CARBON 10 5% 1/4W
R59	1-249-408-11	s CARBON 180 5% 1/4W

(DR-214 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R60	1-249-406-11	s CARBON 120 5% 1/4W
R101	1-247-887-00	s CARBON 220K 5% 1/4W
R102	△ 1-215-863-11	s METAL 100 5% 1W
R103	△ 1-215-863-11	s METAL 100 5% 1W
R104	△ 1-216-383-11	s METAL 0.33 5% 3W
R105	△ 1-216-365-00	s METAL 0.47 5% 2W
R106	1-249-429-11	s CARBON 10K 5% 1/4W
R107	1-249-429-11	s CARBON 10K 5% 1/4W
R108	1-249-437-11	s CARBON 47K 5% 1/4W
R109	1-249-437-11	s CARBON 47K 5% 1/4W
R151	1-249-429-11	s CARBON 10K 5% 1/4W
R152	1-249-429-11	s CARBON 10K 5% 1/4W
R153	1-249-429-11	s CARBON 10K 5% 1/4W
R154	△ 1-215-866-11	s METAL 330 5% 1W
R155-160	1-249-429-11	s CARBON 10K 5% 1/4W
R161	1-247-887-00	s CARBON 220K 5% 1/4W
R162	△ 1-215-863-11	s METAL 100 5% 1W
R163	△ 1-215-867-00	s METAL 470 5% 1W
R164	△ 1-215-868-00	s METAL 680 5% 1W
R165	△ 1-216-383-11	s METAL 0.33 5% 3W
R166	△ 1-216-383-11	s METAL 0.33 5% 3W
R167	△ 1-216-383-11	s METAL 0.33 5% 3W
R168	△ 1-216-385-11	s METAL 0.47 5% 3W
R201	1-249-429-11	s CARBON 10K 5% 1/4W
R202	1-249-417-11	s CARBON 1K 5% 1/4W
R203	1-249-417-11	s CARBON 1K 5% 1/4W
R204	1-249-429-11	s CARBON 10K 5% 1/4W
R205	1-249-417-11	s CARBON 1K 5% 1/4W
R206	△ 1-215-863-11	s METAL 100 5% 1W
R207	△ 1-215-889-00	s METAL 330 5% 2W
R208	△ 1-215-889-00	s METAL 330 5% 2W
R209	△ 1-215-863-11	s METAL 100 5% 1W
R210	1-249-417-11	s CARBON 1K 5% 1/4W
R211	1-249-417-11	s CARBON 1K 5% 1/4W
R212	△ 1-216-365-00	s METAL 0.47 5% 2W
R213	1-249-429-11	s CARBON 10K 5% 1/4W
R214	1-249-437-11	s CARBON 47K 5% 1/4W
R215	1-249-429-11	s CARBON 10K 5% 1/4W
R216	1-249-429-11	s CARBON 10K 5% 1/4W
R217	1-249-437-11	s CARBON 47K 5% 1/4W
R218	1-249-437-11	s CARBON 47K 5% 1/4W
R219	1-249-429-11	s CARBON 10K 5% 1/4W
R220	1-249-437-11	s CARBON 47K 5% 1/4W
R221	△ 1-216-365-00	s METAL 0.47 5% 2W
R251	1-249-429-11	s CARBON 10K 5% 1/4W
R252	1-249-417-11	s CARBON 1K 5% 1/4W
R253	1-249-417-11	s CARBON 1K 5% 1/4W
R254	1-249-429-11	s CARBON 10K 5% 1/4W
R255	1-249-417-11	s CARBON 1K 5% 1/4W
R256	△ 1-215-863-11	s METAL 100 5% 1W
R257	△ 1-215-889-00	s METAL 330 5% 2W
R258	△ 1-215-889-00	s METAL 330 5% 2W
R259	△ 1-215-863-11	s METAL 100 5% 1W
R260	1-249-417-11	s CARBON 1K 5% 1/4W
R261	1-249-417-11	s CARBON 1K 5% 1/4W
R262	1-249-437-11	s CARBON 47K 5% 1/4W
R263	△ 1-216-365-00	s METAL 0.47 5% 2W
R264	1-249-429-11	s CARBON 10K 5% 1/4W
R265	1-249-429-11	s CARBON 10K 5% 1/4W

(DR-214 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R266	1-249-429-11	s CARBON 10K 5% 1/4W
R267	1-249-437-11	s CARBON 47K 5% 1/4W
R268	1-249-437-11	s CARBON 47K 5% 1/4W
R269	1-249-429-11	s CARBON 10K 5% 1/4W
R270	△ 1-216-365-00	s METAL 0.47 5% 2W
R271	1-249-437-11	s CARBON 47K 5% 1/4W
R301	1-249-417-11	s CARBON 1K 5% 1/4W
R302	1-249-417-11	s CARBON 1K 5% 1/4W
R303	1-249-417-11	s CARBON 1K 5% 1/4W
R304	1-249-417-11	s CARBON 1K 5% 1/4W
R305	1-247-863-91	s CARBON 22k 5% 1/4W
R306	1-247-863-91	s CARBON 22k 5% 1/4W
R307	1-249-441-11	s CARBON 100K 5% 1/4W
R308	1-249-426-11	s CARBON 5.6K 5% 1/4W
R309	1-249-429-11	s CARBON 10K 5% 1/4W
R310	1-249-429-11	s CARBON 10K 5% 1/4W
R311	1-249-441-11	s CARBON 100K 5% 1/4W
R312	1-249-441-11	s CARBON 100K 5% 1/4W
R313	1-249-429-11	s CARBON 10K 5% 1/4W
R314	1-247-863-91	s CARBON 22k 5% 1/4W
R315	1-249-417-11	s CARBON 1K 5% 1/4W
R316	1-247-895-91	s CARBON 470K 5% 1/4W
R317	1-249-421-11	s CARBON 2.2K 5% 1/4W
R318	1-249-421-11	s CARBON 2.2K 5% 1/4W
R319	1-215-429-00	s METAL 2.2K 1% 1/6W
R320	1-215-429-00	s METAL 2.2K 1% 1/6W
R321	1-215-461-00	s METAL 47K 1% 1/6W
R322	1-215-461-00	s METAL 47K 1% 1/6W
R323	1-249-426-11	s CARBON 5.6K 5% 1/4W
R324	1-249-426-11	s CARBON 5.6K 5% 1/4W
R325	1-215-481-00	s METAL 330K 1% 1/6W
R326	1-249-441-11	s CARBON 100K 5% 1/4W
R327	1-249-435-11	s CARBON 33K 5% 1/4W
R328	1-249-441-11	s CARBON 100K 5% 1/4W
R329	1-249-429-11	s CARBON 10K 5% 1/4W
R330	1-249-441-11	s CARBON 100K 5% 1/4W
R331	1-249-435-11	s CARBON 33K 5% 1/4W
R332	1-249-429-11	s CARBON 10K 5% 1/4W
R333	1-249-441-11	s CARBON 100K 5% 1/4W
R334	1-215-481-00	s METAL 330K 1% 1/6W
R335	1-247-903-00	s CARBON 1M 5% 1/4W
R336	1-247-903-00	s CARBON 1M 5% 1/4W
R337	1-249-429-11	s CARBON 10K 5% 1/4W
R338	1-249-429-11	s CARBON 10K 5% 1/4W
R339	1-249-437-11	s CARBON 47K 5% 1/4W
R340	1-249-425-11	s CARBON 4.7K 5% 1/4W
R341	1-215-419-00	s METAL 820 1% 1/6W
R342	1-249-425-11	s CARBON 4.7K 5% 1/4W
R343	1-249-437-11	s CARBON 47K 5% 1/4W
R344	1-215-461-00	s METAL 47K 1% 1/6W
R345	1-215-461-00	s METAL 47K 1% 1/6W
R346	1-249-418-11	s CARBON 1.2K 5% 1/4W
R347	1-249-437-11	s CARBON 47K 5% 1/4W
R349	1-249-429-11	s CARBON 10K 5% 1/4W
R350	1-249-427-11	s CARBON 6.8K 5% 1/4W
R351	1-259-882-11	s CARBON 3.3M 5% 1/4W
R352	1-249-429-11	s CARBON 10K 5% 1/4W
R353	1-249-429-11	s CARBON 10K 5% 1/4W
R354	1-249-429-11	s CARBON 10K 5% 1/4W

(DR-214 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R356	1-249-427-11	s CARBON 6.8K 5% 1/4W
R357	1-249-425-11	s CARBON 4.7K 5% 1/4W
R358	△ 1-215-886-11	s METAL 100 5% 2W

HP-61 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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HP-61 board is used for UVW-1800/1800p(J,UC,EK).

1pc 1-648-917-12 o PRINTED CIRCUIT BOARD, HP-61

CN401	1-506-475-11	s CONNECTOR 10P, MALE
CN403	1-564-002-41	s CONNECTOR 3P, MALE

J1	1-565-327-11	s JACK, PHONE STEREO
J2	1-507-743-21	s JACK, MINI STEREO

JW1	1-219-202-11	s RES 0
JW2	1-219-202-11	s RES 0

RV1	1-241-577-11	s RES, VAR CARBON 20k/20k
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 KY-249 BOARD (UVW-1800/1800P)

Ref. No.
 or Q'ty Part No. SP Description

KY-249 board is used for UVW-1800/1800P(J,UC,EK).

lpc	A-8275-289-A	o MOUNTED CIRCUIT BOARD, KY-249
lpc	3-182-359-02	o HOLDER, VFD
C1	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C3	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C4	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C5	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C6	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C7	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C8	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C14	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C15	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C16-C20	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C21	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C22	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C25	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C26	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
CN590	1-506-494-11	s CONNECTOR 15P, MALE
CN591	1-563-003-21	o CONNECTOR, FPC 20P
CN592	1-564-014-11	s CONNECTOR 4P, MALE
CN593	1-563-003-21	o CONNECTOR, FPC 20P
D1	8-719-123-85	s DIODE 1SS304
D2-D11	8-719-123-82	s DIODE 1SS303-T1
IC1	8-759-505-99	s IC MSC7128-04GS-V1K
IC2	8-759-150-61	s IC UPC78L05T
IC3	8-759-194-79	s IC UPD75028GC-542-AB8
IC6	8-759-925-74	s IC TC74HC04ANS
ND1	1-517-246-11	s UNIT, FLD
Q1-Q8	8-729-924-19	s TRANSISTOR DTA123JU
Q9-Q33	8-729-905-12	s TRANSISTOR DTA144EU
Q34	8-729-924-19	s TRANSISTOR DTA123JU
Q35	8-729-924-19	s TRANSISTOR DTA123JU
Q36-Q41	8-729-905-12	s TRANSISTOR DTA144EU
Q42	8-729-924-19	s TRANSISTOR DTA123JU
R1	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R3	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R4	1-216-081-00	s METAL, CHIP 22k 5% 1/10W
R5	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R6	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R7-R19	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R22	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R23	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R25	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R26	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R27	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R28	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R29-R63	1-216-103-91	s METAL, CHIP 180k 5% 1/10W
R76	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R77-R82	1-216-083-00	s METAL, CHIP 27K 5% 1/10W
R83	1-216-103-91	s METAL, CHIP 180k 5% 1/10W
R84	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R85	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R1021	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R1022	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
RV1	1-237-695-11	s RES, VAR CARBON 5K

(KY-249 BOARD (UVW-1800/1800P))

Ref. No.
 or Q'ty Part No. SP Description

RV2	1-237-695-11	s RES, VAR CARBON 5K
S1	1-692-892-11	s SWITCH, PUSH
S2	1-692-892-21	s SWITCH, PUSH
S3	1-692-890-41	s SWITCH, PUSH
S4	1-692-890-31	s SWITCH, PUSH
S5	1-692-890-21	s SWITCH, PUSH
S7	1-692-891-21	s SWITCH, PUSH
S8	1-571-787-31	s SWITCH, PUSH
S9	1-571-787-31	s SWITCH, PUSH
S10	1-571-787-31	s SWITCH, PUSH
S11	1-571-787-31	s SWITCH, PUSH
S12	1-571-787-31	s SWITCH, PUSH
S13	1-571-787-31	s SWITCH, PUSH
S14	1-571-787-31	s SWITCH, PUSH
S15	1-571-787-31	s SWITCH, PUSH
S16	1-572-992-11	s SWITCH, SLIDE
S17	1-572-992-11	s SWITCH, SLIDE
S18	1-571-787-31	s SWITCH, PUSH
S19	1-571-640-21	s SWITCH, SLIDE
S20	1-571-640-21	s SWITCH, SLIDE
S21	1-571-640-21	s SWITCH, SLIDE
X1	1-577-101-11	s RESONATOR, CERAMIC 4.19MHz

 KY-249A BOARD(UVW-1600/1600P)

Ref. No. or Q'ty	Part No.	SP Description
KY-249A board is used for UVW-1600/1600P(J,UC,EK).		
1pc	A-8275-283-A	o MOUNTED CIRCUIT BOARD, KY-249A
1pc	3-182-359-02	o HOLDER, VFD
C1	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C3	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C4	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C5	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C6	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C7	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C8	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C14	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C15	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C16-C20	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C21	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C22	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C25	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C26	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
CN590	1-506-494-11	s CONNECTOR 15P, MALE
CN591	1-563-003-21	o CONNECTOR, FPC 20P
CN592	1-564-014-11	s CONNECTOR 4P, MALE
CN593	1-563-003-21	o CONNECTOR, FPC 20P
D1	8-719-123-85	s DIODE 1SS304
D2-D11	8-719-123-82	s DIODE 1SS303-T1
IC1	8-759-505-99	s IC MSC7128-04GS-V1K
IC2	8-759-150-61	s IC UPC78L05T
IC3	8-759-194-79	s IC UPD75028GC-542-AB8
IC6	8-759-925-74	s IC TC74HC04ANS
ND1	1-517-246-11	s UNIT, FLD
Q1-Q8	8-729-924-19	s TRANSISTOR DTA123JU
Q9-Q33	8-729-905-12	s TRANSISTOR DTA144EU
Q34	8-729-924-19	s TRANSISTOR DTA123JU
Q35	8-729-924-19	s TRANSISTOR DTA123JU
Q36-Q40	8-729-905-12	s TRANSISTOR DTA144EU
Q42	8-729-924-19	s TRANSISTOR DTA123JU
R1	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R3	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R4	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R5	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R6	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R7	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R10-R19	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R22	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R23	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R25	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R26	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R27	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R29-R63	1-216-103-91	s METAL, CHIP 180k 5% 1/10W
R76	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R77-R81	1-216-083-00	s METAL, CHIP 27K 5% 1/10W
R83	1-216-103-91	s METAL, CHIP 180k 5% 1/10W
R84	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R85	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R1021	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R1022	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
RV1	1-237-695-11	s RES, VAR CARBON 5K

(KY-249A BOARD(UVW-1600/1600P))

Ref. No. or Q'ty	Part No.	SP Description
RV2	1-237-695-11	s RES, VAR CARBON 5K
S1	1-692-892-11	s SWITCH, PUSH
S2	1-692-892-21	s SWITCH, PUSH
S3	1-692-890-41	s SWITCH, PUSH
S4	1-692-890-31	s SWITCH, PUSH
S5	1-692-890-21	s SWITCH, PUSH
S8	1-571-787-31	s SWITCH, PUSH
S9	1-571-787-31	s SWITCH, PUSH
S10	1-571-787-31	s SWITCH, PUSH
S11	1-571-787-31	s SWITCH, PUSH
S12	1-571-787-31	s SWITCH, PUSH
S13	1-571-787-31	s SWITCH, PUSH
S15	1-571-787-31	s SWITCH, PUSH
S16	1-572-992-11	s SWITCH, SLIDE
S18	1-571-787-31	s SWITCH, PUSH
S20	1-571-640-21	s SWITCH, SLIDE
S21	1-571-640-21	s SWITCH, SLIDE
X1	1-577-101-11	s RESONATOR, CERAMIC 4.19MHz

MB-470 BOARD (UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

MB-470 board is used for UVW-1800(J,UC).

1pc	A-8276-736-A	o MOUNTED CIRCUIT BOARD, MB-470
1pc	3-683-631-01	o CLAMP
1pc	9-911-841-99	s CUSHION (B)
C1	1-126-964-11	s ELECT 10uF 20% 50V
C2	1-126-964-11	s ELECT 10uF 20% 50V
CN101	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN102	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN103	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN104	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN105	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN106	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN107	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN108	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN109	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN200	1-564-905-11	o CONNECTOR, VH 9P, MALE
CN201	1-564-512-11	o CONNECTOR 9P, MALE
CN211	1-506-491-11	s CONNECTOR 12P, MALE
CN214	1-580-195-21	s CONNECTOR, PHEC 100P, FEMALE
CN231	1-563-018-11	o CONNECTOR, FPC 34P
CN232	1-563-462-11	o CONNECTOR, FPC 17P
CN235	1-506-482-11	s CONNECTOR 3P, MALE
CN262	1-506-494-11	s CONNECTOR 15P, MALE
CN266	1-506-469-11	s CONNECTOR 4P, MALE
CN267	1-506-472-11	s CONNECTOR 7P, MALE
CN268	1-506-479-11	s CONNECTOR 14P, MALE
CN269	1-564-005-11	o CONNECTOR 6P, MALE
CN271	1-564-011-11	o CONNECTOR 12P, MALE
F1	Δ 1-532-777-21	s FUSE 1.25A 125V
F2	Δ 1-532-777-21	s FUSE 1.25A 125V
F3	Δ 1-532-777-21	s FUSE 1.25A 125V
IC1	8-759-701-59	s IC NJM78M09FA
IC2	8-759-982-54	s IC RC79M09FA

MB-470P BOARD (UVW-1800P)

Ref. No.
or Q'ty Part No. SP Description

MB-470P board is used for UVW-1800P(EK).

1pc	A-8276-854-A	o MOUNTED CIRCUIT BOARD, MB-470P
1pc	3-683-631-01	o CLAMP
1pc	9-911-841-99	s CUSHION (B)
C1	1-126-964-11	s ELECT 10uF 20% 50V
C2	1-126-964-11	s ELECT 10uF 20% 50V
CN101	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN102	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN103	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN104	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN105	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN106	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN107	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN108	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN109	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN200	1-564-905-11	o CONNECTOR, VH 9P, MALE
CN201	1-564-512-11	o CONNECTOR 9P, MALE
CN211	1-506-491-11	s CONNECTOR 12P, MALE
CN214	1-580-195-21	s CONNECTOR, PHEC 100P, FEMALE
CN231	1-563-018-11	o CONNECTOR, FPC 34P
CN232	1-563-462-11	o CONNECTOR, FPC 17P
CN235	1-506-482-11	s CONNECTOR 3P, MALE
CN262	1-506-494-11	s CONNECTOR 15P, MALE
CN266	1-506-469-11	s CONNECTOR 4P, MALE
CN267	1-506-472-11	s CONNECTOR 7P, MALE
CN268	1-506-479-11	s CONNECTOR 14P, MALE
CN269	1-564-005-11	o CONNECTOR 6P, MALE
CN271	1-564-011-11	o CONNECTOR 12P, MALE
IC1	8-759-701-59	s IC NJM78M09FA
IC2	8-759-982-54	s IC RC79M09FA
PS1	Δ 1-532-840-21	s LINK, IC 1.25A
PS2	Δ 1-532-840-21	s LINK, IC 1.25A
PS3	Δ 1-532-840-21	s LINK, IC 1.25A



MB-470A BOARD (UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

MB-470A board is used for UVW-1600(J,UC).

1pc	A-8276-730-A	o MOUNTED CIRCUIT BOARD, MB-470A
1pc	3-683-631-01	o CLAMP
1pc	9-911-841-99	s CUSHION (B)
C1	1-126-964-11	s ELECT 10uF 20% 50V
C2	1-126-964-11	s ELECT 10uF 20% 50V
CN103	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN104	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN105	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN106	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN107	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN108	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN109	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN200	1-564-905-11	o CONNECTOR, VH 9P, MALE
CN201	1-564-512-11	o CONNECTOR 9P, MALE
CN211	1-506-491-11	s CONNECTOR 12P, MALE
CN214	1-580-195-21	s CONNECTOR, PHEC 100P, FEMALE
CN231	1-563-018-11	o CONNECTOR, FPC 34P
CN232	1-563-462-11	o CONNECTOR, FPC 17P
CN235	1-506-482-11	s CONNECTOR 3P, MALE
CN262	1-506-494-11	s CONNECTOR 15P, MALE
CN266	1-506-469-11	s CONNECTOR 4P, MALE
CN267	1-506-472-11	s CONNECTOR 7P, MALE
CN268	1-506-479-11	s CONNECTOR 14P, MALE
CN269	1-564-005-11	o CONNECTOR 6P, MALE
F1	Δ 1-532-777-21	s FUSE 1.25A 125V
F2	Δ 1-532-777-21	s FUSE 1.25A 125V
F3	Δ 1-532-777-21	s FUSE 1.25A 125V
IC1	8-759-701-59	s IC NJM78M09FA
IC2	8-759-982-54	s IC RC79M09FA

MB-470AP BOARD (UVW-1600P)

Ref. No.
or Q'ty Part No. SP Description

MB-470AP board is used for UVW-1600P(EK).

1pc	A-8276-855-A	o MOUNTED CIRCUIT BOARD, MB-470AP
1pc	3-683-631-01	o CLAMP
1pc	9-911-841-99	s CUSHION (B)
C1	1-126-964-11	s ELECT 10uF 20% 50V
C2	1-126-964-11	s ELECT 10uF 20% 50V
CN103	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN104	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN105	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN106	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN107	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN108	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN109	1-573-784-91	o CONNECTOR, DIN 60P, FEMALE
CN200	1-564-905-11	o CONNECTOR, VH 9P, MALE
CN201	1-564-512-11	o CONNECTOR 9P, MALE
CN211	1-506-491-11	s CONNECTOR 12P, MALE
CN214	1-580-195-21	s CONNECTOR, PHEC 100P, FEMALE
CN231	1-563-018-11	o CONNECTOR, FPC 34P
CN232	1-563-462-11	o CONNECTOR, FPC 17P
CN235	1-506-482-11	s CONNECTOR 3P, MALE
CN262	1-506-494-11	s CONNECTOR 15P, MALE
CN266	1-506-469-11	s CONNECTOR 4P, MALE
CN267	1-506-472-11	s CONNECTOR 7P, MALE
CN268	1-506-479-11	s CONNECTOR 14P, MALE
CN269	1-564-005-11	o CONNECTOR 6P, MALE
IC1	8-759-701-59	s IC NJM78M09FA
IC2	8-759-982-54	s IC RC79M09FA
PS1	Δ 1-532-840-21	s LINK, IC 1.25A
PS2	Δ 1-532-840-21	s LINK, IC 1.25A
PS3	Δ 1-532-840-21	s LINK, IC 1.25A

MB-471 BOARD (UVW-1800/1800P)

Ref. No.
or Q'ty Part No. SP Description

MB-471 board is used for UVW-1800/1800P(J,UC,EK).

1pc A-8276-737-A o MOUNTED CIRCUIT BOARD, MB-471

CN110 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE
CN111 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE
CN112 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE
CN251 1-564-524-11 s CONNECTOR 9P, MALE
CN261 1-506-491-11 s CONNECTOR 12P, MALE

CN263 1-506-481-11 s CONNECTOR 2P, MALE
CN264 1-506-486-11 s CONNECTOR 7P, MALE
CN265 1-564-013-11 o CONNECTOR 3P, MALE
CN274 1-506-486-11 s CONNECTOR 7P, MALE
CN275 1-506-485-11 s CONNECTOR 6P, MALE

CN276 1-506-485-11 s CONNECTOR 6P, MALE
CN277 1-564-014-11 s CONNECTOR 4P, MALE
CN278 1-506-489-11 o CONNECTOR 10P, MALE
CN281 1-563-018-11 o CONNECTOR, FPC 34P

MB-471A BOARD (UVW-1600/1600P)

Ref. No.
or Q'ty Part No. SP Description

MB-471A board is used for UVW-1600/1600P(J,UC,EK).

1pc A-8276-731-A o MOUNTED CIRCUIT BOARD, MB-471A

CN110 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE
CN111 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE
CN251 1-564-524-11 s CONNECTOR 9P, MALE
CN261 1-506-491-11 s CONNECTOR 12P, MALE
CN263 1-506-481-11 s CONNECTOR 2P, MALE

CN274 1-506-486-11 s CONNECTOR 7P, MALE
CN277 1-564-014-11 s CONNECTOR 4P, MALE
CN278 1-506-489-11 o CONNECTOR 10P, MALE
CN281 1-563-018-11 o CONNECTOR, FPC 34P

MS-39 BOARD (UVW-1800/1800P)

Ref. No.
or Q'ty Part No. SP Description

MS-39 board is used for UVW-1800/1800P(J,UC,EK).

1pc A-8275-291-A o MOUNTED CIRCUIT BOARD, M
1pc 3-182-355-02 o COVER, MC SENSOR
2pcs 3-180-854-03 o COVER, MR SENSOR

C3 1-164-097-11 s CERAMIC 0.022uF 50V
C5 1-126-933-11 s ELECT 100uF 20% 16V
C6 1-164-097-11 s CERAMIC 0.022uF 50V
C11 1-126-947-11 s ELECT 47uF 20% 35V
C12 1-126-947-11 s ELECT 47uF 20% 35V

C13 1-164-097-11 s CERAMIC 0.022uF 50V
C14 1-130-728-00 s FILM 0.0022uF 1% 100V
C15 1-130-728-00 s FILM 0.0022uF 1% 100V
C16 1-164-097-11 s CERAMIC 0.022uF 50V
C17 1-130-495-00 s MYLAR 0.1uF 5% 50V

CN350 1-564-011-11 o CONNECTOR 12P, MALE
CN351 1-506-469-11 s CONNECTOR 4P, MALE
CN352 1-564-001-11 o CONNECTOR 2P, MALE
CN353 1-506-472-11 s CONNECTOR 7P, MALE
CN354 1-506-480-11 s CONNECTOR 15P, MALE

CN355 1-506-473-11 s CONNECTOR 8P, MALE
CN356 1-562-708-11 o CONNECTOR, FPC 13P
CN357 1-562-708-11 o CONNECTOR, FPC 13P
CN358 1-564-005-11 o CONNECTOR 6P, MALE
CN359 1-506-469-11 s CONNECTOR 4P, MALE

CN360 1-506-469-11 s CONNECTOR 4P, MALE
CN361 1-564-002-11 s CONNECTOR 3P, MALE
CN362 1-562-993-11 o CONNECTOR, FPC 30P
CN363 1-562-993-11 o CONNECTOR, FPC 30P
CN364 1-562-993-11 o CONNECTOR, FPC 30P

D1 8-719-938-07 s LED GL480, INFRARED
D2 8-719-938-07 s LED GL480, INFRARED
D3 8-719-938-07 s LED GL480, INFRARED
D4 8-719-938-07 s LED GL480, INFRARED
D7 8-719-933-30 s DIODE DA210S

D8 8-719-933-30 s DIODE DA210S
D9 8-719-933-30 s DIODE DA210S
D10 8-719-933-30 s DIODE DA210S

IC1 8-759-196-00 s IC UPD75048CW-018
IC2 8-759-600-34 s IC M54532P
IC3 8-759-645-23 s IC M54523P
IC7 8-759-189-43 s IC AN77L05-TA
IC8 8-759-190-25 s IC PQ30VB11

Q1 8-729-903-81 s PHOTOTRANSISTOR PT480
Q2 8-729-903-81 s PHOTOTRANSISTOR PT480
Q3 8-729-903-81 s PHOTOTRANSISTOR PT480
Q4 8-729-903-81 s PHOTOTRANSISTOR PT480

R2 1-249-437-11 s CARBON 47K 5% 1/4W
R3 1-249-429-11 s CARBON 10K 5% 1/4W
R5 1-249-437-11 s CARBON 47K 5% 1/4W
R6 1-249-429-11 s CARBON 10K 5% 1/4W
R7 1-247-815-91 s CARBON 220 5% 1/4W

R8 1-249-437-11 s CARBON 47K 5% 1/4W
R9 1-249-429-11 s CARBON 10K 5% 1/4W
R10 1-247-815-91 s CARBON 220 5% 1/4W
R11 1-249-437-11 s CARBON 47K 5% 1/4W
R12 1-249-429-11 s CARBON 10K 5% 1/4W

R13 1-247-815-91 s CARBON 220 5% 1/4W

(MS-39 BOARD(UVW-1800/1800P))

Ref. No. or Q'ty	Part No.	SP Description
R14	1-249-437-11	s CARBON 47K 5% 1/4W
R15	1-249-429-11	s CARBON 10K 5% 1/4W
R16	1-247-815-91	s CARBON 220 5% 1/4W
R17	1-249-437-11	s CARBON 47K 5% 1/4W
R18	1-249-429-11	s CARBON 10K 5% 1/4W
R19-R24	1-249-437-11	s CARBON 47K 5% 1/4W
R25-R30	1-249-429-11	s CARBON 10K 5% 1/4W
R31	1-249-437-11	s CARBON 47K 5% 1/4W
R32	1-249-437-11	s CARBON 47K 5% 1/4W
R34	1-249-417-11	s CARBON 1K 5% 1/4W
R35	1-249-417-11	s CARBON 1K 5% 1/4W
R36	1-249-417-11	s CARBON 1K 5% 1/4W
R37	1-249-417-11	s CARBON 1K 5% 1/4W
R38	1-249-437-11	s CARBON 47K 5% 1/4W
R42	1-249-429-11	s CARBON 10K 5% 1/4W
R43	1-249-429-11	s CARBON 10K 5% 1/4W
R44	1-247-895-91	s CARBON 470K 5% 1/4W
R46	1-249-437-11	s CARBON 47K 5% 1/4W
R47	1-249-417-11	s CARBON 1K 5% 1/4W
R49	1-249-437-11	s CARBON 47K 5% 1/4W
R50	1-249-417-11	s CARBON 1K 5% 1/4W
R51	1-249-429-11	s CARBON 10K 5% 1/4W
R52	1-249-429-11	s CARBON 10K 5% 1/4W
R53	1-249-429-11	s CARBON 10K 5% 1/4W
R63	1-249-429-11	s CARBON 10K 5% 1/4W
R64	1-215-432-00	s METAL 3K 1% 1/6W
R65	1-215-411-00	s METAL 390 1% 1/6W
X1	1-579-232-11	s RESONATOR, CERAMIC 2.50MHZ

MS-39A BOARD(UVW-1600/1600P)

Ref. No.
or Q'ty Part No. SP Description

MS-39A board is used for UVW-1600/1600P(J,UC,EK).

1pc	A-8275-288-A	o MOUNTED CIRCUIT BOARD, MS-39A
1pc	3-182-355-02	o COVER, MC SENSOR
C3	1-164-097-11	s CERAMIC 0.022uF 50V
C5	1-126-933-11	s ELECT 100uF 20% 16V
C6	1-164-097-11	s CERAMIC 0.022uF 50V
C11	1-126-947-11	s ELECT 47uF 20% 35V
C12	1-126-947-11	s ELECT 47uF 20% 35V
C13	1-164-097-11	s CERAMIC 0.022uF 50V
C14	1-130-728-00	s FILM 0.0022uF 1% 100V
C15	1-130-728-00	s FILM 0.0022uF 1% 100V
C16	1-164-097-11	s CERAMIC 0.022uF 50V
C17	1-130-495-00	s MYLAR 0.1uF 5% 50V
CN350	1-564-011-11	o CONNECTOR 12P, MALE
CN351	1-506-469-11	s CONNECTOR 4P, MALE
CN352	1-564-001-11	o CONNECTOR 2P, MALE
CN353	1-506-472-11	s CONNECTOR 7P, MALE
CN354	1-506-480-11	s CONNECTOR 15P, MALE
CN355	1-506-473-11	s CONNECTOR 8P, MALE
CN356	1-562-708-11	o CONNECTOR, FPC 13P
CN357	1-562-708-11	o CONNECTOR, FPC 13P
CN358	1-564-005-11	o CONNECTOR 6P, MALE
CN359	1-506-469-11	s CONNECTOR 4P, MALE
CN360	1-506-469-11	s CONNECTOR 4P, MALE
CN361	1-564-002-11	s CONNECTOR 3P, MALE
CN362	1-562-993-11	o CONNECTOR, FPC 30P
CN363	1-562-993-11	o CONNECTOR, FPC 30P
CN364	1-562-993-11	o CONNECTOR, FPC 30P
D1	8-719-938-07	s LED GL480, INFRARED
D2	8-719-938-07	s LED GL480, INFRARED
D7	8-719-933-30	s DIODE DA210S
D8	8-719-933-30	s DIODE DA210S
D9	8-719-933-30	s DIODE DA210S
D10	8-719-933-30	s DIODE DA210S
IC1	8-759-196-00	s IC UPD75048CW-018
IC2	8-759-600-34	s IC M54532P
IC3	8-759-645-23	s IC M54523P
IC7	8-759-189-43	s IC AN77L05-TA
IC8	8-759-190-25	s IC PQ30VB11
Q1	8-729-903-81	s PHOTOTRANSISTOR PT480
Q2	8-729-903-81	s PHOTOTRANSISTOR PT480
R2	1-249-437-11	s CARBON 47K 5% 1/4W
R3	1-249-429-11	s CARBON 10K 5% 1/4W
R5	1-249-437-11	s CARBON 47K 5% 1/4W
R6	1-249-429-11	s CARBON 10K 5% 1/4W
R7	1-247-815-91	s CARBON 220 5% 1/4W
R8	1-249-437-11	s CARBON 47K 5% 1/4W
R9	1-249-429-11	s CARBON 10K 5% 1/4W
R10	1-247-815-91	s CARBON 220 5% 1/4W
R11	1-249-437-11	s CARBON 47K 5% 1/4W
R12	1-249-429-11	s CARBON 10K 5% 1/4W
R14	1-249-437-11	s CARBON 47K 5% 1/4W
R15	1-249-429-11	s CARBON 10K 5% 1/4W
R17	1-249-437-11	s CARBON 47K 5% 1/4W
R18	1-249-429-11	s CARBON 10K 5% 1/4W
R19-R24	1-249-437-11	s CARBON 47K 5% 1/4W

(MS-39A BOARD(UVW-1600/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R25-R30	1-249-429-11	s CARBON 10K 5% 1/4W
R31	1-249-437-11	s CARBON 47K 5% 1/4W
R32	1-249-437-11	s CARBON 47K 5% 1/4W
R34	1-249-417-11	s CARBON 1K 5% 1/4W
R35	1-249-417-11	s CARBON 1K 5% 1/4W
R36	1-249-417-11	s CARBON 1K 5% 1/4W
R37	1-249-417-11	s CARBON 1K 5% 1/4W
R38	1-249-437-11	s CARBON 47K 5% 1/4W
R42	1-249-429-11	s CARBON 10K 5% 1/4W
R43	1-249-429-11	s CARBON 10K 5% 1/4W
R44	1-247-895-91	s CARBON 470K 5% 1/4W
R46	1-249-437-11	s CARBON 47K 5% 1/4W
R47	1-249-417-11	s CARBON 1K 5% 1/4W
R49	1-249-437-11	s CARBON 47K 5% 1/4W
R50	1-249-417-11	s CARBON 1K 5% 1/4W
R51	1-249-429-11	s CARBON 10K 5% 1/4W
R52	1-249-429-11	s CARBON 10K 5% 1/4W
R53	1-249-429-11	s CARBON 10K 5% 1/4W
R63	1-249-429-11	s CARBON 10K 5% 1/4W
R64	1-215-432-00	s METAL 3K 1% 1/6W
R65	1-215-411-00	s METAL 390 1% 1/6W
X1	1-579-232-11	s RESONATOR, CERAMIC 2.50MHZ

PC-70 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-625-A	o MOUNTED CIRCUIT BOARD, PC-70
1pc	3-176-598-02	o SPRING, GROUND
CN934	1-565-038-11	s CONNECTOR, FPC 5P
PH1	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
PH2	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
PH3	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
R1	1-247-825-31	s CARBON 560 5% 1/4W
R2	1-247-825-31	s CARBON 560 5% 1/4W
R3	1-247-825-31	s CARBON 560 5% 1/4W

PD-35 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-622-596-11	o PRINTED CIRCUIT BOARD, PD-35

PTC-66 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-926-12	o PRINTED CIRCUIT BOARD, PTC-66
CN944	1-564-014-11	s CONNECTOR 4P, MALE
PH1	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
PH2	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
R1	1-247-815-91	s CARBON 220 5% 1/4W
R2	1-247-815-91	s CARBON 220 5% 1/4W

PTC-67 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-922-12	o PRINTED CIRCUIT BOARD, PTC-67
C1	1-164-096-11	s CERAMIC 0.01uF 50V
CN941	1-506-472-11	s CONNECTOR 7P, MALE
CN942	1-564-001-11	o CONNECTOR 2P, MALE
CN943	1-506-481-11	s CONNECTOR 2P, MALE
PH1	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
R1	1-249-408-11	s CARBON 180 5% 1/4W

PTC-68 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-927-12	o PRINTED CIRCUIT BOARD, PTC-68
CN940	1-506-469-11	s CONNECTOR 4P, MALE
PH1	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
PH2	8-719-939-05	s PHOTOINTERRUPTER GP-1S54
R1	1-247-815-91	s CARBON 220 5% 1/4W
R2	1-247-815-91	s CARBON 220 5% 1/4W

RM-126 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-924-12	o PRINTED CIRCUIT BOARD, RM-126
CN946	1-563-233-11	o CONNECTOR, FPC 13P, FEMALE
CN947	1-564-014-11	s CONNECTOR 4P, MALE
CN948	1-564-718-11	o CONNECTOR 2P, MALE
CN949	1-564-013-11	o CONNECTOR 3P, MALE

RM-127 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-925-12	o PRINTED CIRCUIT BOARD, RM-127
CN951	1-563-233-11	o CONNECTOR, FPC 13P, FEMALE
CN952	1-564-014-11	s CONNECTOR 4P, MALE
CN953	1-564-718-11	o CONNECTOR 2P, MALE
CN954	1-564-013-11	o CONNECTOR 3P, MALE

RP-70 BOARD (UVW-1800)

Ref. No. or Q'ty	Part No.	SP Description
RP-70 board is used for UVW-1800(J,UC).		
1pc	A-8275-285-A	o MOUNTED CIRCUIT BOARD, RP-70
1pc	3-182-385-02	o PLATE, SHIELD (S), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C2	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C3	1-126-933-11	s ELECT 100uF 20% 16V
C4	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C5	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C6	1-126-933-11	s ELECT 100uF 20% 16V
C7	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C8	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C11	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C12	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C13	1-126-933-11	s ELECT 100uF 20% 16V
C14	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C15	1-126-933-11	s ELECT 100uF 20% 16V
C16	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C17	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C18	1-126-933-11	s ELECT 100uF 20% 16V
C19	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C20	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C21	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C23	1-126-933-11	s ELECT 100uF 20% 16V
C103	1-126-933-11	s ELECT 100uF 20% 16V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106	1-126-933-11	s ELECT 100uF 20% 16V
C107	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C108	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C111	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C112	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C113	1-126-933-11	s ELECT 100uF 20% 16V
C114	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C115	1-126-933-11	s ELECT 100uF 20% 16V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-126-933-11	s ELECT 100uF 20% 16V
C119	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C120	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C121	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-933-11	s ELECT 100uF 20% 16V
C202	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C203	1-126-933-11	s ELECT 100uF 20% 16V
C204	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C205	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C206	1-126-933-11	s ELECT 100uF 20% 16V
C207	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C208	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C211	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C212	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C213	1-126-933-11	s ELECT 100uF 20% 16V
C214	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C215	1-126-933-11	s ELECT 100uF 20% 16V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s ELECT 100uF 20% 16V

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C219	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C220	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-126-933-11	s ELECT 100uF 20% 16V
C303	1-126-933-11	s ELECT 100uF 20% 16V
C304	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C306	1-126-933-11	s ELECT 100uF 20% 16V
C307	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C308	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C311	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C312	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C313	1-126-933-11	s ELECT 100uF 20% 16V
C314	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C315	1-126-933-11	s ELECT 100uF 20% 16V
C316	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-126-933-11	s ELECT 100uF 20% 16V
C319	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C323	1-126-933-11	s ELECT 100uF 20% 16V
C501-507	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C601	1-126-933-11	s ELECT 100uF 20% 16V
C602	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C603	1-130-477-00	s MYLAR 0.0033uF 5% 50V
C604	1-130-487-00	s MYLAR 0.022uF 5% 50V
C605	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C606	1-137-361-11	s FILM 330pF 5% 50V
C607	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C609	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C610	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C611	1-126-933-11	s ELECT 100uF 20% 16V
C612	1-126-933-11	s ELECT 100uF 20% 16V
C613	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C614	1-130-477-00	s MYLAR 0.0033uF 5% 50V
C615	1-130-487-00	s MYLAR 0.022uF 5% 50V
C616	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C617	1-137-361-11	s FILM 330pF 5% 50V
C618	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C620	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C622	1-126-933-11	s ELECT 100uF 20% 16V
C623	1-126-933-11	s ELECT 100uF 20% 16V
C624	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C625	1-126-933-11	s ELECT 100uF 20% 16V
C626	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C627	1-126-933-11	s ELECT 100uF 20% 16V
C628	1-126-933-11	s ELECT 100uF 20% 16V
C629	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C630	1-163-017-00	s CERAMIC, CHIP 0.0047uF 5% 50V
C631	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C632	1-164-182-11	s CERAMIC, CHIP 3300PF 10% 100V
C635	1-136-562-11	s FILM 0.0082uF 5% 630V
C636	1-131-368-00	s TANTALUM 3.3uF 10% 16V
C701	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C702	1-126-933-11	s ELECT 100uF 20% 16V
C703	1-126-933-11	s ELECT 100uF 20% 16V
C704	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C705	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C706	1-126-933-11	s ELECT 100uF 20% 16V
C707	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C708	1-126-933-11	s ELECT 100uF 20% 16V
C709	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C710	1-126-933-11	s ELECT 100uF 20% 16V
C711	1-126-933-11	s ELECT 100uF 20% 16V
C712	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C713	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C714	1-126-933-11	s ELECT 100uF 20% 16V
C715	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C716	1-126-933-11	s ELECT 100uF 20% 16V
C717	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C718	1-126-933-11	s ELECT 100uF 20% 16V
C719	1-126-933-11	s ELECT 100uF 20% 16V
C720	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C721	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C722	1-126-933-11	s ELECT 100uF 20% 16V
C723	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C724	1-126-933-11	s ELECT 100uF 20% 16V
C725	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C726	1-126-933-11	s ELECT 100uF 20% 16V
C727	1-126-933-11	s ELECT 100uF 20% 16V
C728	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C729	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C730	1-126-933-11	s ELECT 100uF 20% 16V
C731	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C732	1-126-933-11	s ELECT 100uF 20% 16V
CN1	1-506-468-11	o CONNECTOR 3P, MALE
CN101	1-506-468-11	o CONNECTOR 3P, MALE
CN110	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
CN201	1-506-468-11	o CONNECTOR 3P, MALE
CN301	1-506-468-11	o CONNECTOR 3P, MALE
D701	8-719-123-82	s DIODE 1SS303-T1
D702	8-719-123-82	s DIODE 1SS303-T1
D703	8-719-123-85	s DIODE 1SS304
D704	8-719-123-85	s DIODE 1SS304
IC1	1-810-336-11	s HIC BP-025
IC2	1-810-335-11	s HIC BP-024
IC101	1-810-336-11	s HIC BP-025
IC102	1-810-335-11	s HIC BP-024
IC201	1-810-336-11	s HIC BP-025
IC202	1-810-335-11	s HIC BP-024
IC301	1-810-336-11	s HIC BP-025
IC302	1-810-335-11	s HIC BP-024
IC501	8-759-009-10	s IC MC14069UBF
IC502	8-759-009-10	s IC MC14069UBF
IC503	8-759-009-10	s IC MC14069UBF
IC601	8-759-981-48	s IC NJM082M
IC602	8-759-981-48	s IC NJM082M
IC701	8-759-182-84	s IC PQ05SZ5U
IC702	8-759-189-43	s IC AN77L05-TA
IC703	8-759-168-20	s IC TA78L09S
IC704	8-759-168-20	s IC TA78L09S
IC705	8-759-822-95	s IC L79M05T-FA
IC706	8-759-700-65	s IC NJM79L05A
IC707	8-759-700-68	s IC NJM79L09A
IC708	8-759-700-68	s IC NJM79L09A

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
L1-L5	1-410-482-31 s	INDUCTOR 100uH
L101-105	1-410-482-31 s	INDUCTOR 100uH
L201-205	1-410-482-31 s	INDUCTOR 100uH
L301-305	1-410-482-31 s	INDUCTOR 100uH
L603	1-412-533-21 s	INDUCTOR 47uH
L604	1-408-397-00 s	INDUCTOR 1uH
L605	1-408-397-00 s	INDUCTOR 1uH
L701	1-412-533-21 s	INDUCTOR 47uH
L702	1-412-533-21 s	INDUCTOR 47uH
L703	1-412-533-21 s	INDUCTOR 47uH
L704	1-412-533-21 s	INDUCTOR 47uH
Q1	8-729-117-72 s	TRANSISTOR 2SC4178
Q2	8-729-117-72 s	TRANSISTOR 2SC4178
Q3	8-729-117-72 s	TRANSISTOR 2SC4178
Q102	8-729-117-72 s	TRANSISTOR 2SC4178
Q103	8-729-117-72 s	TRANSISTOR 2SC4178
Q201	8-729-117-72 s	TRANSISTOR 2SC4178
Q202	8-729-117-72 s	TRANSISTOR 2SC4178
Q203	8-729-117-72 s	TRANSISTOR 2SC4178
Q302	8-729-117-72 s	TRANSISTOR 2SC4178
Q303	8-729-117-72 s	TRANSISTOR 2SC4178
Q501	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q601	8-729-119-76 s	TRANSISTOR 2SA1115P
Q602	8-729-119-78 s	TRANSISTOR 2SC2785-HFE
Q603	8-729-320-60 s	TRANSISTOR 2SD788-34
Q604	8-729-320-60 s	TRANSISTOR 2SD788-34
Q605	8-729-119-76 s	TRANSISTOR 2SA1115P
Q606	8-729-119-78 s	TRANSISTOR 2SC2785-HFE
Q607	8-729-320-60 s	TRANSISTOR 2SD788-34
Q608	8-729-320-60 s	TRANSISTOR 2SD788-34
Q609	8-729-905-18 s	TRANSISTOR DTC144EU
Q610	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q611	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q612	8-729-117-32 s	TRANSISTOR 2SC4177
Q613	8-729-159-65 s	TRANSISTOR 2SD596-DV5
Q614	8-729-159-65 s	TRANSISTOR 2SD596-DV5
Q615	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q616	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q617	8-729-209-06 s	TRANSISTOR 2SC4213-A
R1	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R2	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R4	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R5	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R6	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R7	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R8	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R9	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R10	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R11	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R12	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R13	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R16	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R18	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R19	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R21	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R22	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R106	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R107	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R108	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R109	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R110	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R111	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R112	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R113	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R116	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R118	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R119	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R121	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R122	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R201	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R202	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R204	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R205	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R206	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R207	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R208	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R209	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R210	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R211	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R212	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R213	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R216	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R218	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R219	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R221	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R222	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R306	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R307	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R308	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R309	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R310	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R311	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R312	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R313	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R316	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R318	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R319	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R321	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R322	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R501	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R502	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R503	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R507	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R508	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R509	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R511	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R512	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R513	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R514	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R515	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R516	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R517	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R518	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R519	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R601	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R602	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R603	1-249-402-11	s CARBON 56 5% 1/4W
R604	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R605	1-249-417-11	s CARBON 1K 5% 1/4W
R606	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R607	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R608	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R609	1-249-402-11	s CARBON 56 5% 1/4W
R610	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R611	1-215-403-00	s METAL 180 1% 1/6W
R612	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R613	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R614	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R615	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R616	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R617	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R618	1-249-402-11	s CARBON 56 5% 1/4W
R619	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R620	1-249-417-11	s CARBON 1K 5% 1/4W
R621	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R622	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R623	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R624	1-249-402-11	s CARBON 56 5% 1/4W
R625	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R626	1-215-403-00	s METAL 180 1% 1/6W
R627	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R628	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R629	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R630	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R631	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R632	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R633	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R634	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R635	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R636	1-216-093-00	s METAL, CHIP 68K 5% 1/10W
R637	1-216-093-00	s METAL, CHIP 68K 5% 1/10W
R639	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R640	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R641	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R642	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
RV1	1-241-783-11	s RES, ADJ METAL 2.2k
RV2	1-241-761-11	s RES, ADJ METAL 1k
RV101	1-241-783-11	s RES, ADJ METAL 2.2k
RV102	1-241-761-11	s RES, ADJ METAL 1k
RV201	1-241-783-11	s RES, ADJ METAL 2.2k
RV202	1-241-761-11	s RES, ADJ METAL 1k
RV301	1-241-783-11	s RES, ADJ METAL 2.2k
RV302	1-241-761-11	s RES, ADJ METAL 1k
S1	1-553-977-00	s SWITCH, SLIDE
S101	1-553-977-00	s SWITCH, SLIDE
S201	1-553-977-00	s SWITCH, SLIDE
S301	1-553-977-00	s SWITCH, SLIDE
T1	1-423-659-11	s TRANSFORMER, RF OUTPUT
T2	1-423-658-11	s TRANSFORMER, RF INPUT
T101	1-423-659-11	s TRANSFORMER, RF OUTPUT
T102	1-423-658-11	s TRANSFORMER, RF INPUT

(RP-70 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
T201	1-423-659-11	s TRANSFORMER, RF OUTPUT
T202	1-423-657-11	s TRANSFORMER, RF INPUT
T301	1-423-659-11	s TRANSFORMER, RF OUTPUT
T302	1-423-657-11	s TRANSFORMER, RF INPUT
T601	1-423-656-11	s TRANSFORMER, ROTARY ERASE
T602	1-423-656-11	s TRANSFORMER, ROTARY ERASE
T603	1-424-511-11	s TRANSFORMER, FE

RP-70P BOARD (UVW-1800P)

Ref. No.
or Q'ty Part No. SP Description

RP-70P board is used for UVW-1800P(EK).

lpc	A-8275-470-A	o	MOUNTED CIRCUIT BOARD, RP-70P
lpc	3-182-385-02	o	PLATE, SHIELD (S), CARD
lpc	7-621-759-45	s	SCREW, +PSW2.6x6
lpc	3-179-084-01	s	LEVER (R), PC BOARD
lpc	3-179-085-01	s	LEVER (L), PC BOARD
C2	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C3	1-126-933-11	s	ELECT 100uF 20% 16V
C4	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C5	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C6	1-126-933-11	s	ELECT 100uF 20% 16V
C7	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C8	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C11	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C12	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C13	1-126-933-11	s	ELECT 100uF 20% 16V
C14	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C15	1-126-933-11	s	ELECT 100uF 20% 16V
C16	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C17	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C18	1-126-933-11	s	ELECT 100uF 20% 16V
C19	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C20	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C21	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C23	1-126-933-11	s	ELECT 100uF 20% 16V
C103	1-126-933-11	s	ELECT 100uF 20% 16V
C104	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-126-933-11	s	ELECT 100uF 20% 16V
C107	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C112	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C113	1-126-933-11	s	ELECT 100uF 20% 16V
C114	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C115	1-126-933-11	s	ELECT 100uF 20% 16V
C116	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C118	1-126-933-11	s	ELECT 100uF 20% 16V
C119	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C120	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-933-11	s	ELECT 100uF 20% 16V
C202	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C203	1-126-933-11	s	ELECT 100uF 20% 16V
C204	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-126-933-11	s	ELECT 100uF 20% 16V
C207	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C212	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C213	1-126-933-11	s	ELECT 100uF 20% 16V
C214	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C215	1-126-933-11	s	ELECT 100uF 20% 16V
C216	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s	ELECT 100uF 20% 16V

(RP-70P BOARD (UVW-1800P))

Ref. No.
or Q'ty Part No. SP Description

C219	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C220	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C223	1-126-933-11	s	ELECT 100uF 20% 16V
C303	1-126-933-11	s	ELECT 100uF 20% 16V
C304	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C306	1-126-933-11	s	ELECT 100uF 20% 16V
C307	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C312	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C313	1-126-933-11	s	ELECT 100uF 20% 16V
C314	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C315	1-126-933-11	s	ELECT 100uF 20% 16V
C316	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C317	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C318	1-126-933-11	s	ELECT 100uF 20% 16V
C319	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C320	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C321	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C323	1-126-933-11	s	ELECT 100uF 20% 16V
C501-507	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C601	1-126-933-11	s	ELECT 100uF 20% 16V
C602	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C603	1-130-477-00	s	MYLAR 0.0033uF 5% 50V
C604	1-130-487-00	s	MYLAR 0.022uF 5% 50V
C605	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C606	1-137-361-11	s	FILM 330pF 5% 50V
C607	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C609	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C610	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C611	1-126-933-11	s	ELECT 100uF 20% 16V
C612	1-126-933-11	s	ELECT 100uF 20% 16V
C613	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C614	1-130-477-00	s	MYLAR 0.0033uF 5% 50V
C615	1-130-487-00	s	MYLAR 0.022uF 5% 50V
C616	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C617	1-137-361-11	s	FILM 330pF 5% 50V
C618	1-163-121-00	s	CERAMIC, CHIP 150PF 5% 50V
C620	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C622	1-126-933-11	s	ELECT 100uF 20% 16V
C623	1-126-933-11	s	ELECT 100uF 20% 16V
C624	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C625	1-126-933-11	s	ELECT 100uF 20% 16V
C626	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C627	1-126-933-11	s	ELECT 100uF 20% 16V
C628	1-126-933-11	s	ELECT 100uF 20% 16V
C629	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C630	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C631	1-164-232-11	s	CERAMIC, CHIP 0.01uF 10% 100V
C632	1-164-182-11	s	CERAMIC, CHIP 3300PF 10% 100V
C635	1-136-562-11	s	FILM 0.0082uF 5% 630V
C636	1-131-368-00	s	TANTALUM 3.3uF 10% 16V
C701	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C702	1-126-933-11	s	ELECT 100uF 20% 16V
C703	1-126-933-11	s	ELECT 100uF 20% 16V
C704	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V

(RP-70P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C705	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C706	1-126-933-11 s	ELECT 100uF 20% 16V
C707	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C708	1-126-933-11 s	ELECT 100uF 20% 16V
C709	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C710	1-126-933-11 s	ELECT 100uF 20% 16V
C711	1-126-933-11 s	ELECT 100uF 20% 16V
C712	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C713	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C714	1-126-933-11 s	ELECT 100uF 20% 16V
C715	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C716	1-126-933-11 s	ELECT 100uF 20% 16V
C717	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C718	1-126-933-11 s	ELECT 100uF 20% 16V
C719	1-126-933-11 s	ELECT 100uF 20% 16V
C720	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C721	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C722	1-126-933-11 s	ELECT 100uF 20% 16V
C723	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C724	1-126-933-11 s	ELECT 100uF 20% 16V
C725	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C726	1-126-933-11 s	ELECT 100uF 20% 16V
C727	1-126-933-11 s	ELECT 100uF 20% 16V
C728	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C729	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C730	1-126-933-11 s	ELECT 100uF 20% 16V
C731	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C732	1-126-933-11 s	ELECT 100uF 20% 16V
CN1	1-506-468-11 o	CONNECTOR 3P, MALE
CN101	1-506-468-11 o	CONNECTOR 3P, MALE
CN110	1-573-600-21 s	CONNECTOR, PHEC 100P, MALE
CN201	1-506-468-11 o	CONNECTOR 3P, MALE
CN301	1-506-468-11 o	CONNECTOR 3P, MALE
D701	8-719-123-82 s	DIODE 1SS303-T1
D702	8-719-123-82 s	DIODE 1SS303-T1
D703	8-719-123-85 s	DIODE 1SS304
D704	8-719-123-85 s	DIODE 1SS304
IC1	1-810-336-11 s	HIC BP-025
IC2	1-810-335-11 s	HIC BP-024
IC101	1-810-336-11 s	HIC BP-025
IC102	1-810-335-11 s	HIC BP-024
IC201	1-810-336-11 s	HIC BP-025
IC202	1-810-335-11 s	HIC BP-024
IC301	1-810-336-11 s	HIC BP-025
IC302	1-810-335-11 s	HIC BP-024
IC501	8-759-009-10 s	IC MC14069UBF
IC502	8-759-009-10 s	IC MC14069UBF
IC503	8-759-009-10 s	IC MC14069UBF
IC601	8-759-981-48 s	IC NJM082M
IC602	8-759-981-48 s	IC NJM082M
IC701	8-759-182-84 s	IC PQ05SZ5U
IC702	8-759-189-43 s	IC AN77L05-TA
IC703	8-759-168-20 s	IC TA78L09S
IC704	8-759-168-20 s	IC TA78L09S
IC705	8-759-822-95 s	IC L79M05T-FA
IC706	8-759-700-65 s	IC NJM79L05A
IC707	8-759-700-68 s	IC NJM79L09A
IC708	8-759-700-68 s	IC NJM79L09A

(RP-70P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
L1-L5	1-410-482-31 s	INDUCTOR 100uH
L101-105	1-410-482-31 s	INDUCTOR 100uH
L201-205	1-410-482-31 s	INDUCTOR 100uH
L301-305	1-410-482-31 s	INDUCTOR 100uH
L603	1-412-533-21 s	INDUCTOR 47uH
L604	1-408-397-00 s	INDUCTOR 1uH
L605	1-408-397-00 s	INDUCTOR 1uH
L701	1-412-533-21 s	INDUCTOR 47uH
L702	1-412-533-21 s	INDUCTOR 47uH
L703	1-412-533-21 s	INDUCTOR 47uH
L704	1-412-533-21 s	INDUCTOR 47uH
Q1	8-729-117-72 s	TRANSISTOR 2SC4178
Q2	8-729-117-72 s	TRANSISTOR 2SC4178
Q3	8-729-117-72 s	TRANSISTOR 2SC4178
Q102	8-729-117-72 s	TRANSISTOR 2SC4178
Q103	8-729-117-72 s	TRANSISTOR 2SC4178
Q201	8-729-117-72 s	TRANSISTOR 2SC4178
Q202	8-729-117-72 s	TRANSISTOR 2SC4178
Q203	8-729-117-72 s	TRANSISTOR 2SC4178
Q302	8-729-117-72 s	TRANSISTOR 2SC4178
Q303	8-729-117-72 s	TRANSISTOR 2SC4178
Q501	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q601	8-729-119-76 s	TRANSISTOR 2SA1115P
Q602	8-729-119-78 s	TRANSISTOR 2SC2785-HFE
Q603	8-729-320-60 s	TRANSISTOR 2SD788-34
Q604	8-729-320-60 s	TRANSISTOR 2SD788-34
Q605	8-729-119-76 s	TRANSISTOR 2SA1115P
Q606	8-729-119-78 s	TRANSISTOR 2SC2785-HFE
Q607	8-729-320-60 s	TRANSISTOR 2SD788-34
Q608	8-729-320-60 s	TRANSISTOR 2SD788-34
Q609	8-729-905-18 s	TRANSISTOR DTC144EU
Q610	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q611	8-729-022-00 s	TRANSISTOR 2SB1416-R(TA)
Q612	8-729-117-32 s	TRANSISTOR 2SC4177
Q613	8-729-159-65 s	TRANSISTOR 2SD596-DV5
Q614	8-729-159-65 s	TRANSISTOR 2SD596-DV5
Q615	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q616	8-729-209-06 s	TRANSISTOR 2SC4213-A
Q617	8-729-209-06 s	TRANSISTOR 2SC4213-A
R1	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R2	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R4	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R5	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R6	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R7	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R8	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R9	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R10	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R11	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R12	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R13	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R16	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R18	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R19	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R21	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R22	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R106	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R107	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W



(RP-70P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R108	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R109	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R110	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R111	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R112	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R113	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R116	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R118	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R119	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R121	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R122	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R201	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R202	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R204	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R205	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R206	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R207	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R208	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R209	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R210	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R211	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R212	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R213	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R216	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R218	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R219	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R221	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R222	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R306	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R307	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R308	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R309	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R310	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R311	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R312	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R313	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R316	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R318	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R319	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R321	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R322	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R501	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R502	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R503	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R507	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R508	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R509	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R510	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R511	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R512	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R513	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R514	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R515	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R516	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R517	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R518	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W

(RP-70P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R519	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R601	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R602	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R603	1-249-402-11 s	CARBON 56 5% 1/4W
R604	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R605	1-249-417-11 s	CARBON 1K 5% 1/4W
R606	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R607	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R608	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R609	1-249-402-11 s	CARBON 56 5% 1/4W
R610	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R611	1-215-403-00 s	METAL 180 1% 1/6W
R612	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R613	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R614	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R615	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R616	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R617	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R618	1-249-402-11 s	CARBON 56 5% 1/4W
R619	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R620	1-249-417-11 s	CARBON 1K 5% 1/4W
R621	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R622	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R623	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R624	1-249-402-11 s	CARBON 56 5% 1/4W
R625	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R626	1-215-403-00 s	METAL 180 1% 1/6W
R627	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R628	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R629	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R630	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R631	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R632	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R633	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R634	1-216-071-00 s	METAL, CHIP 8.2K 5% 1/10W
R635	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R636	1-216-093-00 s	METAL, CHIP 68K 5% 1/10W
R637	1-216-093-00 s	METAL, CHIP 68K 5% 1/10W
R639	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R640	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R641	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R642	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
RV1	1-241-783-11 s	RES, ADJ METAL 2.2k
RV2	1-241-762-11 s	RES, ADJ METAL 2.2k
RV101	1-241-783-11 s	RES, ADJ METAL 2.2k
RV102	1-241-762-11 s	RES, ADJ METAL 2.2k
RV201	1-241-783-11 s	RES, ADJ METAL 2.2k
RV202	1-241-762-11 s	RES, ADJ METAL 2.2k
RV301	1-241-783-11 s	RES, ADJ METAL 2.2k
RV302	1-241-762-11 s	RES, ADJ METAL 2.2k
S1	1-553-977-00 s	SWITCH, SLIDE
S101	1-553-977-00 s	SWITCH, SLIDE
S201	1-553-977-00 s	SWITCH, SLIDE
S301	1-553-977-00 s	SWITCH, SLIDE
T1	1-423-659-11 s	TRANSFORMER, RF OUTPUT
T2	1-423-658-11 s	TRANSFORMER, RF INPUT
T101	1-423-659-11 s	TRANSFORMER, RF OUTPUT
T102	1-423-658-11 s	TRANSFORMER, RF INPUT

(RP-70P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
T201	1-423-659-11	s TRANSFORMER, RF OUTPUT
T202	1-423-658-11	s TRANSFORMER, RF INPUT
T301	1-423-659-11	s TRANSFORMER, RF OUTPUT
T302	1-423-658-11	s TRANSFORMER, RF INPUT
T601	1-423-656-11	s TRANSFORMER, ROTARY ERASE
T602	1-423-656-11	s TRANSFORMER, ROTARY ERASE
T603	1-424-511-11	s TRANSFORMER, FE

RP-70A BOARD(UVW-1600)

Ref. No. or Q'ty	Part No.	SP Description
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RP-70A board is used for UVW-1600(J,UC).

1pc	A-8275-278-A	o MOUNTED CIRCUIT BOARD, RP-70A
1pc	3-182-385-02	o PLATE, SHIELD (S), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C17	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C18	1-126-933-11	s ELECT 100uF 20% 16V
C19	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C21	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C23	1-126-933-11	s ELECT 100uF 20% 16V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-126-933-11	s ELECT 100uF 20% 16V
C119	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C121	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-933-11	s ELECT 100uF 20% 16V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s ELECT 100uF 20% 16V
C219	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-126-933-11	s ELECT 100uF 20% 16V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-126-933-11	s ELECT 100uF 20% 16V
C319	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C323	1-126-933-11	s ELECT 100uF 20% 16V
C709	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C710	1-126-933-11	s ELECT 100uF 20% 16V
C711	1-126-933-11	s ELECT 100uF 20% 16V
C712	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C713	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C714	1-126-933-11	s ELECT 100uF 20% 16V
C715	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C716	1-126-933-11	s ELECT 100uF 20% 16V
CN1	1-506-468-11	o CONNECTOR 3P, MALE
CN101	1-506-468-11	o CONNECTOR 3P, MALE
CN110	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
CN201	1-506-468-11	o CONNECTOR 3P, MALE
CN301	1-506-468-11	o CONNECTOR 3P, MALE
D702	8-719-123-82	s DIODE 1SS303-T1
IC2	1-810-335-11	s HIC BP-024
IC102	1-810-335-11	s HIC BP-024
IC202	1-810-335-11	s HIC BP-024
IC302	1-810-335-11	s HIC BP-024
IC703	8-759-168-20	s IC TA78L09S
IC704	8-759-168-20	s IC TA78L09S
L702	1-412-533-21	s INDUCTOR 47uH
R17	1-216-295-91	s RES, CHIP 0
R18	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R19	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R21	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R22	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R117	1-216-295-91	s RES, CHIP 0
R118	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R119	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R121	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W

(RP-70A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R122	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R217	1-216-295-91	s RES, CHIP 0
R218	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R219	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R221	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R222	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R317	1-216-295-91	s RES, CHIP 0
R318	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R319	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R321	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R322	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R651-658	1-216-295-91	s RES, CHIP 0
T2	1-423-658-11	s TRANSFORMER, RF INPUT
T102	1-423-658-11	s TRANSFORMER, RF INPUT
T202	1-423-657-11	s TRANSFORMER, RF INPUT
T302	1-423-657-11	s TRANSFORMER, RF INPUT

RP-70AP BOARD(UVW-1600P)

Ref. No. or Q'ty	Part No.	SP Description
RP-70AP board is used for UVW-1600P(EK).		
lpc	A-8275-465-A	o MOUNTED CIRCUIT BOARD, RP-70AF
lpc	3-182-385-02	o PLATE, SHIELD (S), CARD
lpc	7-621-759-45	s SCREW, +PSW2.6x6
lpc	3-179-084-01	s LEVER (R), PC BOARD
lpc	3-179-085-01	s LEVER (L), PC BOARD
C17	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C18	1-126-933-11	s ELECT 100uF 20% 16V
C19	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C21	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C23	1-126-933-11	s ELECT 100uF 20% 16V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-126-933-11	s ELECT 100uF 20% 16V
C119	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C121	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-933-11	s ELECT 100uF 20% 16V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s ELECT 100uF 20% 16V
C219	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C221	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C223	1-126-933-11	s ELECT 100uF 20% 16V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-126-933-11	s ELECT 100uF 20% 16V
C319	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C321	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C323	1-126-933-11	s ELECT 100uF 20% 16V
C709	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C710	1-126-933-11	s ELECT 100uF 20% 16V
C711	1-126-933-11	s ELECT 100uF 20% 16V
C712	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C713	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C714	1-126-933-11	s ELECT 100uF 20% 16V
C715	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C716	1-126-933-11	s ELECT 100uF 20% 16V
CN1	1-506-468-11	o CONNECTOR 3P, MALE
CN101	1-506-468-11	o CONNECTOR 3P, MALE
CN110	1-573-600-21	s CONNECTOR, PHEC 100P, MALE
CN201	1-506-468-11	o CONNECTOR 3P, MALE
CN301	1-506-468-11	o CONNECTOR 3P, MALE
D702	8-719-123-82	s DIODE 1SS303-T1
IC2	1-810-335-11	s HIC BP-024
IC102	1-810-335-11	s HIC BP-024
IC202	1-810-335-11	s HIC BP-024
IC302	1-810-335-11	s HIC BP-024
IC703	8-759-168-20	s IC TA78L09S
IC704	8-759-168-20	s IC TA78L09S
L702	1-412-533-21	s INDUCTOR 47uH
R17	1-216-295-91	s RES, CHIP 0
R18	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R19	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R21	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R22	1-216-625-11	s METAL, CHIP 82 0.5% 1/10W
R117	1-216-295-91	s RES, CHIP 0
R118	1-216-001-00	s METAL, CHIP 10 5% 1/10W
R119	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R121	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W

(RP-70AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R122	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R217	1-216-295-91 s	RES, CHIP 0
R218	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R219	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R221	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R222	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R317	1-216-295-91 s	RES, CHIP 0
R318	1-216-001-00 s	METAL, CHIP 10 5% 1/10W
R319	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R321	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R322	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R651-658	1-216-295-91 s	RES, CHIP 0
T2	1-423-658-11 s	TRANSFORMER, RF INPUT
T102	1-423-658-11 s	TRANSFORMER, RF INPUT
T202	1-423-658-11 s	TRANSFORMER, RF INPUT
T302	1-423-658-11 s	TRANSFORMER, RF INPUT

SE-207 BOARD

Ref. No.
or Q'ty Part No. SP Description

Two SE-207 boards are used in UVW-1800/1800P/1600/1600P (J,UC,EK)
One board has the following parts.

1pc	1-648-923-12 o	PRINTED CIRCUIT BOARD, SE-207
CN950	1-565-876-11 o	CONNECTOR 4P, MALE
PH1	8-749-924-54 s	PHOTO-INTERRUPTER GP1A30R
R1	1-249-408-11 s	CARBON 180 5% 1/4W

SS-53 BOARD

Ref. No.
or Q'ty Part No. SP Description

1pc	A-8275-284-A o	MOUNTED CIRCUIT BOARD, SS-53
1pc	3-179-084-01 s	LEVER (R), PC BOARD
1pc	3-179-085-01 s	LEVER (L), PC BOARD
C1	1-135-076-21 s	TANTALUM, CHIP 1uF 10% 35V
C2	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C5-C16	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C19	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C20	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C21	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C22	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C23	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C24	1-126-924-11 s	ELECT 330uF 20% 10V
C100	1-126-964-11 s	ELECT 10uF 20% 50V
C101	1-126-964-11 s	ELECT 10uF 20% 50V
C102	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C103	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C104	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C106	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C110	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C111	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C112	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C113	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C114	1-126-924-11 s	ELECT 330uF 20% 10V
C115	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C200	1-135-076-21 s	TANTALUM, CHIP 1uF 10% 35V
C201	1-163-809-11 s	CERAMIC, CHIP 0.047uF 10% 25V
C202-209	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C210	1-163-237-11 s	CERAMIC, CHIP 27PF 5% 50V
C211	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C212	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C213	1-126-924-11 s	ELECT 330uF 20% 10V
C214	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C215-230	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C232	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C233	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C234	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C235	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C236	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C237	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C238	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C239	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C240	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C241	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C242	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C243	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C245	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C246	1-163-037-11 s	CERAMIC, CHIP 0.022uF 10% 25V
C247	1-164-161-11 s	CERAMIC, CHIP 0.0022uF 10% 100V
C248	1-164-161-11 s	CERAMIC, CHIP 0.0022uF 10% 100V
C249	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C251-269	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C270-275	1-126-947-11 s	ELECT 47uF 20% 35V
C276	1-163-989-11 s	CERAMIC, CHIP 0.033uF 10% 25V
C277	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C278	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C279	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C280	1-162-667-11	s CERAMIC 10PF 5% 50V
C281	1-162-667-11	s CERAMIC 10PF 5% 50V
C400	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C401	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C402	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C403	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C404	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C405	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C406	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C407	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C408	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C409	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C410	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C411	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C412	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
CN1	1-506-484-11	s CONNECTOR 5P, MALE
CN2	1-506-481-11	s CONNECTOR 2P, MALE
CN3	1-560-369-00	o CONNECTOR, ILG 8P, MALE
CN107	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN108	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN109	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN14	1-526-660-21	o SOCKET, IC 32P
CN1212	1-526-660-21	o SOCKET, IC 32P
CV1	1-141-389-11	s CAP, TRIMMER 50PF
D100-105	8-719-941-23	s DIODE DA204U
D200-208	8-719-941-23	s DIODE DA204U
D210	8-719-938-72	s DIODE SB01-05CP
D211	8-719-941-23	s DIODE DA204U
D213	8-719-941-23	s DIODE DA204U
D214	8-719-941-23	s DIODE DA204U
D215	8-719-941-23	s DIODE DA204U
IC1	8-759-151-97	s IC UPD70320GJ-8-5BG
IC2	8-759-043-34	s IC CXD8310M
IC3	8-759-507-51	s IC MS6264CLL-10FC-EF
IC4	8-759-326-97	o IC C1001-UVW1000SY-V200
IC5	8-759-095-41	s IC CXD8176AQ
IC6	8-759-054-54	s IC SRM2016M10
IC7	8-759-632-39	s IC M51958A
IC8	8-759-061-67	s IC MC34051M
IC9	8-759-926-77	s IC SN74HC541ANS
IC10	8-759-925-74	s IC TC74HC04ANS
IC11	8-759-925-85	s IC SN74HC32ANS
IC12	8-759-925-90	s IC SN74HC74ANS
IC15	8-759-192-25	s IC UPD6453GT-635-E2
IC100	8-759-175-77	s IC CXD8384Q
IC101	8-759-100-96	s IC UPC4558G2
IC102	8-759-925-05	s IC LM2903PS
IC103	8-759-356-17	s IC NJM4556AM-A-TE2
IC200	8-759-300-71	s IC HD14053BFP
IC201	8-759-510-71	s IC UPC358G2-E2
IC202	8-759-192-26	s IC HD6435348RA00F
IC203	8-759-925-76	s IC SN74HC08ANS
IC204	8-759-925-74	s IC TC74HC04ANS
IC206	8-759-916-23	s IC SN74HC27N
IC207	8-759-925-79	s IC SN74HC11ANS

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC208	8-759-926-11	s IC SN74HC138ANS
IC209	8-759-925-85	s IC SN74HC32ANS
IC210	8-759-925-76	s IC SN74HC08ANS
IC211	8-759-938-68	s IC CXD1095Q
IC212	8-759-378-01	o IC C2001-UVW1000SV-V202
IC213	8-759-507-51	s IC MS6264CLL-10FC-EF
IC214	8-759-300-71	s IC HD14053BFP
IC215	8-759-300-71	s IC HD14053BFP
IC216	8-759-925-05	s IC LM2903PS
IC217	8-759-239-23	s IC TC74HC86AF
IC219	8-752-343-05	s IC CXD2202Q
IC220	8-759-100-95	s IC UPC324G2
IC221	8-759-300-71	s IC HD14053BFP
IC222	8-759-100-95	s IC UPC324G2
IC223	8-759-106-02	s IC UPC4570G2
IC224	8-759-141-05	s IC UPC4574G2
IC225	8-759-106-02	s IC UPC4570G2
IC226	8-759-938-68	s IC CXD1095Q
IC227	8-759-913-99	s IC MB88201-173N
IC228	8-759-927-29	s IC SN74HCU04NS
IC229	8-759-977-80	s IC MB88342PF
IC230	8-759-925-05	s IC LM2903PS
IC231	8-759-106-02	s IC UPC4570G2
IC232	8-759-925-05	s IC LM2903PS
IC233	8-759-106-02	s IC UPC4570G2
L1	1-408-411-00	s INDUCTOR 15uH
L200	1-412-533-21	s INDUCTOR 47uH
L201	1-412-533-21	s INDUCTOR 47uH
PS1	△ 1-532-637-00	s LINK, IC 1.0A
PS2	△ 1-532-637-00	s LINK, IC 1.0A
Q105	8-729-905-12	s TRANSISTOR DTA144EU
Q106	8-729-422-44	s TRANSISTOR 2SK663
Q107	8-729-905-12	s TRANSISTOR DTA144EU
Q108	8-729-422-44	s TRANSISTOR 2SK663
Q204-209	8-729-905-18	s TRANSISTOR DTC144EU
Q210	8-729-209-06	s TRANSISTOR 2SC4213-A
Q211	8-729-209-06	s TRANSISTOR 2SC4213-A
R1	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R2	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R3	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R4	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R5	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R6	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R7	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R9	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R11	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R12	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R14	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R24	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R26	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R27	1-208-811-11	s METAL, CHIP 16k 0.5% 1/10W
R31	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R33	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R35	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R36-R41	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R43	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R45	1-216-089-91	s METAL, CHIP 47k 5% 1/10W

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R47	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R49	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R51	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R55	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R56	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R57	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R61	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R62	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R63	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R64	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R65	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R66	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R67	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R68	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R69	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R100	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R101	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R102	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R103	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R104	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R105	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R106	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R107	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R108	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R109	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R110	1-216-067-00 s	METAL, CHIP 5.6K 5% 1/10W
R111	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R112	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R128	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R129	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R130	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R131	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R132	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R133	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R134	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R135	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R136	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R137	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R138	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R139	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R140	1-216-071-00 s	METAL, CHIP 8.2K 5% 1/10W
R141	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R142	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R145	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R146	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R149	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R150	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R151	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R200	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R201	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R202	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R203	1-218-764-11 s	METAL, CHIP 330K 0.5% 1/10W
R204-213	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R214	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R215	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R216	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R217	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R218	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R219	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R220	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R221	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R222	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R223	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R224	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R225	1-218-764-11 s	METAL, CHIP 330K 0.5% 1/10W
R227	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R228	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R229	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R231	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R232	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R233	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R234	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R235	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R236	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R237	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R238	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R239	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R240	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R241	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R242	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R243	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R244	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R245	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R254	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R255	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R256	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R257	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R258	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R260	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R261	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R262	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R263	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R264	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R265	1-216-105-91 s	METAL, CHIP 220k 5% 1/10W
R268	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R269	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R275	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R276	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R277	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R281	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R282	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R283	1-220-221-11 s	METAL, CHIP 100 5% 1/2W
R284	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R285	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R286	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R287	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R288	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R289	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R290	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R291	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R292	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R294	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R295	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R297	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R298	1-216-109-00 s	METAL, CHIP 330K 5% 1/10W
R299	1-216-109-00 s	METAL, CHIP 330K 5% 1/10W
R300	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R302	1-216-025-91 s	METAL, CHIP 100 5% 1/10W

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R303	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R304	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R306	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R307	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R309	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R310	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R311	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R312	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R313	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R314	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R315	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R316	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R317	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R318	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R319	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R320	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R321	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R322	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R323	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R324	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R325	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R326-331	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R332	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R333	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R334	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R335	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R336	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R337	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R338	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R339	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R340	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R341	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R342	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R343	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R344	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R345	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R346-350	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R351	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R352	1-216-039-00	s METAL, CHIP 390 5% 1/10W
R353-381	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R382	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R383	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R385	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R386	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R387	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R388	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R389	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R390	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R391	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R392	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R393	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R394	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R395	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R396	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R397	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R398	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R399	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R400	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R401	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W

(SS-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R402	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R403	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R404	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R405	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R406	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R407	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R408	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R409	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R410	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R411	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R412	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R413	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R414	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R415	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R416	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R417	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R418	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R419	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R420	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R421	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R422	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R423	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
RB1	1-239-304-11	s RESISTOR BLOCK, CHIP 2.2kx8
RB2	1-239-308-11	s RESISTOR BLOCK, CHIP 47kx8
RB201	1-239-304-11	s RESISTOR BLOCK, CHIP 2.2kx8
RB202	1-239-309-11	s RESISTOR BLOCK, CHIP 100kx8
RB203	1-239-306-11	s RESISTOR BLOCK, CHIP 10kx8
S1	1-692-535-11	s SWITCH, DIP 4-CKT
S201	1-692-536-11	s SWITCH, DIP 8-CKT
X1	1-579-930-12	s RESONATOR, CERAMIC 16.00MHz
X101	1-579-993-21	s CRYSTAL 13.50MHz
X200	1-579-996-21	s RESONATOR, CERAMIC 20.00MHz

TBC-25 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

TBC-25 board is used for UVW-1800/1600(J,UC).

1pc	A-8275-282-A	o MOUNTED CIRCUIT BOARD, TBC-25
1pc	3-182-386-02	o PLATE, SHIELD (L), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
2pcs	1-750-484-11	s BUS-BAR
C1	1-126-933-11	s ELECT 100uF 20% 16V
C2	1-126-933-11	s ELECT 100uF 20% 16V
C3	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C4	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-126-933-11	s ELECT 100uF 20% 16V
C6	1-126-933-11	s ELECT 100uF 20% 16V
C7	1-126-933-11	s ELECT 100uF 20% 16V
C8	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C9	1-126-933-11	s ELECT 100uF 20% 16V
C10	1-126-933-11	s ELECT 100uF 20% 16V
C11	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C12	1-126-933-11	s ELECT 100uF 20% 16V
C13	1-126-933-11	s ELECT 100uF 20% 16V
C14	1-126-933-11	s ELECT 100uF 20% 16V
C15	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C16-C21	1-126-933-11	s ELECT 100uF 20% 16V
C22	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C100	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C101	1-126-947-11	s ELECT 47uF 20% 35V
C102	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C103	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C106	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C107	1-126-947-11	s ELECT 47uF 20% 35V
C108	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C109	1-124-903-11	s ELECT 1uF 20% 50V
C110	1-126-964-11	s ELECT 10uF 20% 50V
C111	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C112	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C113	1-126-934-11	s ELECT 220uF 20% 16V
C114	1-126-947-11	s ELECT 47uF 20% 35V
C115	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-126-947-11	s ELECT 47uF 20% 35V
C118	1-126-933-11	s ELECT 100uF 20% 16V
C200	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C201	1-126-947-11	s ELECT 47uF 20% 35V
C202	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C203	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C204	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C205	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C206	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C207	1-126-947-11	s ELECT 47uF 20% 35V
C208	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C209	1-124-903-11	s ELECT 1uF 20% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C211	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-126-934-11	s ELECT 220uF 20% 16V

(TBC-25 BOARD(UVW-1800/1600))

Ref. No.
or Q'ty Part No. SP Description

C214	1-126-947-11	s ELECT 47uF 20% 35V
C215	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s ELECT 100uF 20% 16V
C300	1-126-947-11	s ELECT 47uF 20% 35V
C301	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C302	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C303	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C306	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C307	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C308	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C309	1-126-947-11	s ELECT 47uF 20% 35V
C310	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C311	1-126-947-11	s ELECT 47uF 20% 35V
C312-316	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C317	1-126-963-11	s ELECT 4.7uF 20% 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C322	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C324	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C325	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C326	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C327	1-124-903-11	s ELECT 1uF 20% 50V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C330	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C331	1-124-903-11	s ELECT 1uF 20% 50V
C332	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C333	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C334	1-126-933-11	s ELECT 100uF 20% 16V
C335	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C336	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C337	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C338	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C339	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C340	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C341	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C342	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C344	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C345	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C347	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C348	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C349	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C350	1-126-933-11	s ELECT 100uF 20% 16V
C351	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C352	1-124-925-11	s ELECT 2.2uF 20% 100V
C353	1-124-925-11	s ELECT 2.2uF 20% 100V
C354	1-163-120-00	s CERAMIC, CHIP 130PF 5% 50V
C355	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C356	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C357	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C359	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C360	1-126-947-11	s ELECT 47uF 20% 35V
C361	1-126-947-11	s ELECT 47uF 20% 35V
C362	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C363	1-126-947-11	s ELECT 47uF 20% 35V

Ref. No. or Q'ty	Part No.	SP Description
C364	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C400	1-126-947-11	s ELECT 47uF 20% 35V
C401	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C402	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C404	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C405	1-126-947-11	s ELECT 47uF 20% 35V
C406	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C407	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C408	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C409	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C410	1-126-947-11	s ELECT 47uF 20% 35V
C411	1-163-106-00	s CERAMIC, CHIP 36PF 5% 50V
C412	1-163-120-00	s CERAMIC, CHIP 130PF 5% 50V
C413	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C414-419	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C420	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C421	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C422	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C423	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C424	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C425	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C426	1-124-903-11	s ELECT 1uF 20% 50V
C427	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C428	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C429	1-124-903-11	s ELECT 1uF 20% 50V
C430	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C431	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C432	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C433	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C434	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C435	1-126-933-11	s ELECT 100uF 20% 16V
C436	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C437	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C438	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C439	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C440	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C441	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C443	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C444	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C445	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C446	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C447	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C448	1-126-933-11	s ELECT 100uF 20% 16V
C449	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C450	1-124-925-11	s ELECT 2.2uF 20% 100V
C451	1-124-925-11	s ELECT 2.2uF 20% 100V
C452	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C454	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C455	1-126-947-11	s ELECT 47uF 20% 35V
C456	1-126-947-11	s ELECT 47uF 20% 35V
C457	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C458	1-126-947-11	s ELECT 47uF 20% 35V
C459	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C461	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C462	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C463	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C464	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C465	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C501	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V

Ref. No. or Q'ty	Part No.	SP Description
C502	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C503	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C504	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C505	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C506	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C507	1-126-947-11	s ELECT 47uF 20% 35V
C508	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C509	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C510	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C511	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C512	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C513	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C514	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C515-523	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C524	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C525	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C527	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C528	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C529	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C530	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C531	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C532	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C533	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C534	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C535	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C536	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C537	1-126-947-11	s ELECT 47uF 20% 35V
C538	1-126-947-11	s ELECT 47uF 20% 35V
C539	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C540	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C541	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C542	1-126-947-11	s ELECT 47uF 20% 35V
C543	1-126-947-11	s ELECT 47uF 20% 35V
C544	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C545	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C546	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C547-553	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C554	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C555	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C700	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C701	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C702	1-126-964-11	s ELECT 10uF 20% 50V
C703	1-126-964-11	s ELECT 10uF 20% 50V
C704	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C705	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C706	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C707	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C708	1-126-947-11	s ELECT 47uF 20% 35V
C709-715	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C716	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C717	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C718	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C719	1-126-947-11	s ELECT 47uF 20% 35V
C720	1-130-489-00	s MYLAR 0.033uF 5% 50V
C721	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C722	1-126-947-11	s ELECT 47uF 20% 35V
C723-728	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C729	1-126-947-11	s ELECT 47uF 20% 35V

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
C730	1-126-947-11	s ELECT 47uF 20% 35V
C731	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C732	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C733	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C734	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C735	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C736	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C737	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C738	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C739	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C740	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C741	1-131-347-00	s TANTALUM 1uF 10% 35V
C742	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C743	1-131-363-00	s TANTALUM 4.7uF 10% 20V
C744	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C746	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C747	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C748	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C749	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C750	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C751	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C752	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C753	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C754	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C755	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C756	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C757	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C758	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C759	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C760	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C761	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C762	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C763	1-126-947-11	s ELECT 47uF 20% 35V
C764	1-126-947-11	s ELECT 47uF 20% 35V
C765	1-124-903-11	s ELECT 1uF 20% 50V
C766	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C767	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C768	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C769	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C770	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C771	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C772	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C773	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C774	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C775	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C776	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C777	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C778	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C779	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C780	1-126-947-11	s ELECT 47uF 20% 35V
C781	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C782	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C783	1-126-947-11	s ELECT 47uF 20% 35V
C784	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C785	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C787	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C788	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C789	1-126-964-11	s ELECT 10uF 20% 50V
C790	1-126-964-11	s ELECT 10uF 20% 50V

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
C791	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C792	1-126-947-11	s ELECT 47uF 20% 35V
C793	1-126-947-11	s ELECT 47uF 20% 35V
C794	1-124-903-11	s ELECT 1uF 20% 50V
C795	1-164-222-11	s CERAMIC, CHIP 0.22uF 25V
C796	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C797	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C798	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C799	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C800	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C802	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C803	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C804	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C805	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C806	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
CN1	1-564-005-11	o CONNECTOR 6P, MALE
CN2	1-564-005-11	o CONNECTOR 6P, MALE
CN105	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN106	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CV700	1-141-443-11	s CAP, TRIMMER 30pF
CV701	1-141-443-11	s CAP, TRIMMER 30pF
D1	8-719-941-04	s DIODE SB007-03CP
D2	8-719-941-04	s DIODE SB007-03CP
D100	8-719-941-23	s DIODE DA204U
D101	8-719-123-82	s DIODE 1SS303-T1
D102	8-719-123-85	s DIODE 1SS304
D200	8-719-941-23	s DIODE DA204U
D301	8-719-941-23	s DIODE DA204U
D302	8-719-105-38	s DIODE RD3.0M-B1
D303	8-719-041-39	s DIODE KV1470
D304	8-719-041-39	s DIODE KV1470
D401	8-719-941-23	s DIODE DA204U
D402	8-719-105-38	s DIODE RD3.0M-B1
D403	8-719-041-39	s DIODE KV1470
D404	8-719-041-39	s DIODE KV1470
D502	8-719-123-82	s DIODE 1SS303-T1
D503	8-719-123-82	s DIODE 1SS303-T1
D504	8-719-941-23	s DIODE DA204U
D505	8-719-123-85	s DIODE 1SS304
D506	8-719-123-85	s DIODE 1SS304
D701	8-719-123-82	s DIODE 1SS303-T1
D702	8-719-002-81	s DIODE 1T363A-M20-T8A
D703	8-719-002-81	s DIODE 1T363A-M20-T8A
FL500	1-239-769-11	s FILTER, LOW-PASS 5MHz
FL501	1-239-767-11	s FILTER, LOW-PASS 2MHz
FL502	1-239-767-11	s FILTER, LOW-PASS 2MHz
IC1	8-759-168-20	s IC TA78L09S
IC2	8-759-168-20	s IC TA78L09S
IC3	8-759-822-95	s IC L79M05T-FA
IC4	8-759-822-95	s IC L79M05T-FA
IC5	8-759-182-84	s IC PQ05SZ5U
IC6	8-759-182-84	s IC PQ05SZ5U
IC7	8-759-182-84	s IC PQ05SZ5U
IC100	8-759-030-74	s IC SC14S66FEL
IC101	8-759-981-48	s IC NJM082M
IC102	8-759-908-15	s IC TL431CLP
IC103	8-752-334-55	s IC CXD1175M



(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
IC200	8-759-030-74 s	IC SC14S66FEL
IC203	8-752-334-55 s	IC CXD1175M
IC300	8-759-702-08 s	IC NJM360M
IC301	8-752-339-03 s	IC CXD2207Q
IC302	8-759-300-71 s	IC HD14053BFP
IC303	8-759-100-96 s	IC UPC4558G2
IC304	8-759-100-96 s	IC UPC4558G2
IC305	8-759-941-27 s	IC MB4002PF
IC306	8-759-907-81 s	IC SN74LS221NS
IC307	8-759-991-85 s	IC 74F00SJ
IC308	8-759-030-74 s	IC SC14S66FEL
IC310	8-759-035-93 s	IC TC7S32F-TE85L
IC400	8-759-702-08 s	IC NJM360M
IC401	8-752-339-03 s	IC CXD2207Q
IC402	8-759-100-96 s	IC UPC4558G2
IC403	8-759-100-96 s	IC UPC4558G2
IC404	8-759-702-08 s	IC NJM360M
IC405	8-759-907-81 s	IC SN74LS221NS
IC406	8-759-926-24 s	IC SN74HC164ANS
IC407	8-759-991-85 s	IC 74F00SJ
IC408	8-759-030-74 s	IC SC14S66FEL
IC409	8-759-035-93 s	IC TC7S32F-TE85L
IC501	8-752-362-70 s	IC CXD101-106Q
IC502	8-752-362-70 s	IC CXD101-106Q
IC503	8-759-055-71 s	IC CXD8313Q
IC504	8-759-055-71 s	IC CXD8313Q
IC505	8-752-340-52 s	IC CXK48324Q
IC506	8-759-926-55 s	IC SN74HC266NS
IC507	8-759-147-05 s	IC UPD42101G-3
IC508	8-752-340-52 s	IC CXK48324Q
IC509	8-759-927-46 s	IC SN74HC00ANS
IC510	8-759-926-77 s	IC SN74HC541ANS
IC511	8-759-925-78 s	IC SN74HC10ANS
IC512	8-759-926-18 s	IC SN74HC157ANS
IC513	8-759-926-18 s	IC SN74HC157ANS
IC514	8-759-239-55 s	IC TC74HC123AF
IC515	8-759-100-96 s	IC UPC4558G2
IC516	8-759-100-96 s	IC UPC4558G2
IC517	8-759-100-96 s	IC UPC4558G2
IC518	8-752-363-43 s	IC CXD1171M-1-TH
IC519	8-752-363-43 s	IC CXD1171M-1-TH
IC520	8-752-363-43 s	IC CXD1171M-1-TH
IC521	8-752-052-77 s	IC CXA1450M
IC522	8-759-926-24 s	IC SN74HC164ANS
IC523	8-759-925-85 s	IC SN74HC32ANS
IC524	8-759-926-18 s	IC SN74HC157ANS
IC525	8-759-926-18 s	IC SN74HC157ANS
IC526	8-759-926-18 s	IC SN74HC157ANS
IC527	8-759-926-18 s	IC SN74HC157ANS
IC528	8-759-925-90 s	IC SN74HC74ANS
IC529	8-759-926-27 s	IC SN74HC173NS
IC530	8-759-926-27 s	IC SN74HC173NS
IC531	8-759-926-27 s	IC SN74HC173NS
IC532	8-759-926-27 s	IC SN74HC173NS
IC533	8-759-031-84 s	IC TC7S04F
IC534	8-759-926-56 s	IC SN74HC273ANS
IC700	8-759-300-71 s	IC HD14053BFP
IC701	8-759-981-48 s	IC NJM082M
IC702	8-759-009-05 s	IC MC14051BF

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
IC703	8-759-987-27 s	IC LM1881M
IC704	8-759-100-96 s	IC UPC4558G2
IC705	8-759-981-48 s	IC NJM082M
IC706	8-759-702-08 s	IC NJM360M
IC707	8-759-100-96 s	IC UPC4558G2
IC708	8-759-908-15 s	IC TL431CLP
IC709	8-759-980-04 s	IC LM311PS
IC710	8-759-239-55 s	IC TC74HC123AF
IC711	8-759-925-74 s	IC TC74HC04ANS
IC712	8-759-250-81 s	IC TC5081AP
IC713	8-752-335-47 s	IC CXD1216M
IC714	8-759-336-06 s	IC MC68HC05C4-SC412511FU
IC715	8-759-300-71 s	IC HD14053BFP
IC716	8-759-925-76 s	IC SN74HC08ANS
IC717	8-759-241-03 s	IC TC74HC191AF
IC718	8-759-031-84 s	IC TC7S04F
IC719	8-759-031-84 s	IC TC7S04F
IC720	8-759-925-90 s	IC SN74HC74ANS
IC721	8-759-239-55 s	IC TC74HC123AF
IC722	8-759-519-49 s	IC CXD8165Q
IC723	8-752-334-64 s	IC CXD1171M
IC724	8-752-334-64 s	IC CXD1171M
IC725	8-752-052-77 s	IC CXA1450M
IC726	8-759-981-48 s	IC NJM082M
IC727	8-759-239-55 s	IC TC74HC123AF
IC728	8-759-031-84 s	IC TC7S04F
L1-L5	1-412-533-21 s	INDUCTOR 47uH
L100	1-410-478-11 s	INDUCTOR 47uH
L101	1-410-476-11 s	INDUCTOR 33uH
L102	1-410-478-11 s	INDUCTOR 47uH
L103	1-410-478-11 s	INDUCTOR 47uH
L200	1-410-478-11 s	INDUCTOR 47uH
L201	1-410-476-11 s	INDUCTOR 33uH
L202	1-410-478-11 s	INDUCTOR 47uH
L203	1-410-478-11 s	INDUCTOR 47uH
L300	1-410-478-11 s	INDUCTOR 47uH
L301	1-410-478-11 s	INDUCTOR 47uH
L302	1-408-621-31 s	INDUCTOR 330uH
L303	1-410-492-11 s	INDUCTOR 680uH
L304	1-408-419-00 s	INDUCTOR 68uH
L305	1-410-478-11 s	INDUCTOR 47uH
L306	1-410-478-11 s	INDUCTOR 47uH
L307	1-408-406-00 s	INDUCTOR 5.6uH
L400	1-410-478-11 s	INDUCTOR 47uH
L401	1-410-478-11 s	INDUCTOR 47uH
L402	1-408-411-00 s	INDUCTOR 15uH
L403	1-410-476-11 s	INDUCTOR 33uH
L404	1-410-482-31 s	INDUCTOR 100uH
L405	1-408-425-00 s	INDUCTOR 220uH
L406	1-408-416-00 s	INDUCTOR 39uH
L407	1-410-478-11 s	INDUCTOR 47uH
L408	1-410-478-11 s	INDUCTOR 47uH
L500-504	1-410-478-11 s	INDUCTOR 47uH
L700	1-410-482-31 s	INDUCTOR 100uH
L701	1-408-419-00 s	INDUCTOR 68uH
L702-709	1-410-478-11 s	INDUCTOR 47uH
LV300	1-406-746-11 s	INDUCTOR, VAR 22uH
LV400	1-406-745-11 s	INDUCTOR, VAR 6.8uH

Ref. No. or Q'ty	Part No.	SP Description
Q100	8-729-117-32 s	TRANSISTOR 2SC4177
Q101	8-729-117-32 s	TRANSISTOR 2SC4177
Q102	8-729-117-32 s	TRANSISTOR 2SC4177
Q103	8-729-118-56 s	TRANSISTOR 2SK852-X2
Q104	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-117-32 s	TRANSISTOR 2SC4177
Q201	8-729-117-32 s	TRANSISTOR 2SC4177
Q202	8-729-117-32 s	TRANSISTOR 2SC4177
Q203	8-729-118-56 s	TRANSISTOR 2SK852-X2
Q300	8-729-117-32 s	TRANSISTOR 2SC4177
Q301	8-729-117-32 s	TRANSISTOR 2SC4177
Q302	8-729-117-32 s	TRANSISTOR 2SC4177
Q303	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q304	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q305	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-117-32 s	TRANSISTOR 2SC4177
Q400	8-729-117-32 s	TRANSISTOR 2SC4177
Q401	8-729-117-32 s	TRANSISTOR 2SC4177
Q402	8-729-117-32 s	TRANSISTOR 2SC4177
Q403	8-729-117-32 s	TRANSISTOR 2SC4177
Q404	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q405	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q406	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q407	8-729-117-32 s	TRANSISTOR 2SC4177
Q500	8-729-117-32 s	TRANSISTOR 2SC4177
Q501	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q502	8-729-117-32 s	TRANSISTOR 2SC4177
Q503	8-729-117-32 s	TRANSISTOR 2SC4177
Q700	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q701	8-729-117-32 s	TRANSISTOR 2SC4177
Q702	8-729-117-32 s	TRANSISTOR 2SC4177
Q703	8-729-117-32 s	TRANSISTOR 2SC4177
Q704	8-729-117-32 s	TRANSISTOR 2SC4177
Q705	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q706	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q707-711	8-729-117-32 s	TRANSISTOR 2SC4177
R100	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R101	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R102	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R103	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R104	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R105	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R106	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R107	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R108	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R109	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R110	1-216-093-00 s	METAL, CHIP 68K 5% 1/10W
R111	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R114	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R115	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R116	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R117	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R118	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R119	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R120	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R121	1-216-033-00 s	METAL, CHIP 220 5% 1/10W

Ref. No. or Q'ty	Part No.	SP Description
R122	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R123	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R124	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R125	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R200	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R201	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R202	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R203	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R204	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R205	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R206	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R207	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R208	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R209	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R210	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R211	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R212	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R213	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R214	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R215	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R222	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R223	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R301	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R302	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R303	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R304	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R305	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R306	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R307	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R308	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R309	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R310	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R311	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R312	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R313	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R314	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R315	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R316	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R317	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R318	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R319	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R320	1-216-295-91 s	RES, CHIP 0
R321	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R322	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R323	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R324	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R325	1-216-117-00 s	METAL, CHIP 680K 5% 1/10W
R326	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R328	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R329	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R330	1-216-634-11 s	METAL, CHIP 200 0.5% 1/10W
R331	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R332	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R333	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R334	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R335	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R336	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R337	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R338	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W

Ref. No. or Q'ty	Part No.	SP Description
R339	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R340	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R341	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R342	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R343	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R344	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R345	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R346	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R348	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R350	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R352	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R353	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R354	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R358	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R359	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R360	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R361	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R363	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R367	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R369	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R371	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R372	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R373	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R374	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R375	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R376	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R380	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R400	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R401	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R402	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R403	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R404	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R407	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R408	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R409	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R410	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R411	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R412	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R413	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R414	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R415	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R416	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R417	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R418	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R419	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R420	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R421	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R422	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R423	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R424	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R425	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R426	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R427	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R428	1-216-623-11	s METAL, CHIP 68 0.5% 1/10W
R429	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R430	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R431	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W

Ref. No. or Q'ty	Part No.	SP Description
R432	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R433	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R434	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R435	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R436	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R437	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R438	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R439	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R440	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R441	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R442	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R443	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R444	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R445	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R446	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R447	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R448	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R449	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R450	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R451	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R452	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R453	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R454	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R455	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R456	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R457	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R458	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R459	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R460	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R461	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R462	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R463	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R464	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R468	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R469	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R470	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R500-506	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R507	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R508-512	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R513	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R514	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R515	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R516	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R540	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R541	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R542	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R545	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R546	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R547	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R548	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R549	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R550	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R551	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R552	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R553	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R554	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R555	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R556	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
R557	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R558	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R559	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R560	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R561	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R562	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R563	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R564	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R565	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R566	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R567	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R568	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R569	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R570	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R571	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R572	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R573	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R574	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R575	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R576	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R577	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R578	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R579	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R580	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R581	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R582	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R583	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R584	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R585	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R586	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R587	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R588	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R589	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R590	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R591	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R592	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R593	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R595	1-216-111-91 s	METAL, CHIP 390k 5% 1/10W
R596	1-216-111-91 s	METAL, CHIP 390k 5% 1/10W
R598	1-216-111-91 s	METAL, CHIP 390k 5% 1/10W
R700	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R701	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R702	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R703	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R704	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R705	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R706	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R707	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R708	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R709	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R710	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R711	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R712	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R713	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R714	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R715	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R716	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R717	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R718	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
R719	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R720	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R721	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R722	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R723	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R724	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R725	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R726	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R727	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R728	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R729	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R730	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R731	1-216-093-00 s	METAL, CHIP 68k 5% 1/10W
R732	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R733	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R734	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R735	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R736	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R737	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R738	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R739	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R740	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R741	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R742	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R743	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R744	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R745	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R746	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R747	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R748	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R750	1-208-811-11 s	METAL, CHIP 16k 0.5% 1/10W
R751	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R753	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R755	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R756	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R757	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R758	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R759	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R760	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R761	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R762	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R763	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R764	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R765	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R766	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R767	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R768	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R769	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R770	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R771	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R772	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R773	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R774	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R775	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R776	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R777	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R778	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R780	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R781	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
R782	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R783	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R784	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R785	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R786	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R787	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R788	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R789	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R790	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R791	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R792	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R793	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R794	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R795	1-216-295-91	s RES, CHIP 0
R796	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R797	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R798	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R799	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R800	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R801	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R802-807	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R810	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R811	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R812	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R813	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R814	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R815	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R816	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R817	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R818	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R819	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R820	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R821	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R822	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R823	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R824	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R825	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R826	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R827	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R828	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R829	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R830	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R831	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R832	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R833	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R834	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R835	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R836	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R837	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R838	1-216-115-00	s METAL, CHIP 560K 5% 1/10W
R839	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R840	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
RV100	1-241-758-11	s RES, ADJ METAL 100
RV200	1-241-758-11	s RES, ADJ METAL 100
RV300	1-241-786-11	s RES, ADJ METAL 22k
RV301	1-241-763-11	s RES, ADJ METAL 4.7k
RV400	1-241-786-11	s RES, ADJ METAL 22k
RV401	1-241-763-11	s RES, ADJ METAL 4.7k

(TBC-25 BOARD(UVW-1800/1600))

Ref. No. or Q'ty	Part No.	SP Description
RV500	1-241-784-11	s RES, ADJ METAL 4.7k
RV501	1-241-784-11	s RES, ADJ METAL 4.7k
RV502	1-241-785-11	s RES, ADJ METAL 10k
RV700	1-241-785-11	s RES, ADJ METAL 10k
RV701	1-241-785-11	s RES, ADJ METAL 10k
RV702	1-241-786-11	s RES, ADJ METAL 22k
RV703	1-241-784-11	s RES, ADJ METAL 4.7k
S500	1-692-535-11	s SWITCH, DIP 4-CKT
TH400	1-807-972-11	s THERMISTOR SV-1715 1.25k
X700	1-527-722-00	s CRYSTAL 14.31818MHz
X701	1-579-459-11	s CRYSTAL 13.5MHz

TBC-25P BOARD(UVW-1800P/1600P)

Ref. No.
or Q'ty Part No. SP Description

TBC-25P board is used for UVW-1800P/1600P(EK).

1pc	A-8275-469-A	o MOUNTED CIRCUIT BOARD, TBC-25P
1pc	3-182-386-02	o PLATE, SHIELD (L), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
2pcs	1-750-484-11	s BUS-BAR
C1	1-126-933-11	s ELECT 100uF 20% 16V
C2	1-126-933-11	s ELECT 100uF 20% 16V
C3	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C4	1-126-933-11	s ELECT 100uF 20% 16V
C5	1-126-933-11	s ELECT 100uF 20% 16V
C6	1-126-933-11	s ELECT 100uF 20% 16V
C7	1-126-933-11	s ELECT 100uF 20% 16V
C8	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C9	1-126-933-11	s ELECT 100uF 20% 16V
C10	1-126-933-11	s ELECT 100uF 20% 16V
C11	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C12	1-126-933-11	s ELECT 100uF 20% 16V
C13	1-126-933-11	s ELECT 100uF 20% 16V
C14	1-126-933-11	s ELECT 100uF 20% 16V
C15	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C16-C21	1-126-933-11	s ELECT 100uF 20% 16V
C22	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C100	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C101	1-126-947-11	s ELECT 47uF 20% 35V
C102	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C103	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C106	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C107	1-126-947-11	s ELECT 47uF 20% 35V
C108	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C109	1-124-903-11	s ELECT 1uF 20% 50V
C110	1-126-964-11	s ELECT 10uF 20% 50V
C111	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C112	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C113	1-126-934-11	s ELECT 220uF 20% 16V
C114	1-126-947-11	s ELECT 47uF 20% 35V
C115	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-126-947-11	s ELECT 47uF 20% 35V
C118	1-126-933-11	s ELECT 100uF 20% 16V
C200	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C201	1-126-947-11	s ELECT 47uF 20% 35V
C202	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C203	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C204	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C205	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C206	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C207	1-126-947-11	s ELECT 47uF 20% 35V
C208	1-163-809-11	s CERAMIC, CHIP 0.047uF 10% 25V
C209	1-124-903-11	s ELECT 1uF 20% 50V
C210	1-126-964-11	s ELECT 10uF 20% 50V
C211	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C212	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C213	1-126-934-11	s ELECT 220uF 20% 16V

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No.
or Q'ty Part No. SP Description

C214	1-126-947-11	s ELECT 47uF 20% 35V
C215	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-126-933-11	s ELECT 100uF 20% 16V
C300	1-126-947-11	s ELECT 47uF 20% 35V
C301	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C302	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C303	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C306	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C307	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C308	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C309	1-126-947-11	s ELECT 47uF 20% 35V
C310	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C311	1-126-947-11	s ELECT 47uF 20% 35V
C312-316	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C317	1-126-963-11	s ELECT 4.7uF 20% 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C322	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C324	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C325	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C326	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C327	1-124-903-11	s ELECT 1uF 20% 50V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C330	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C331	1-124-903-11	s ELECT 1uF 20% 50V
C332	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C333	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C334	1-126-933-11	s ELECT 100uF 20% 16V
C335	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C336	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C337	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C338	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C339	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C340	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C341	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C342	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C344	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C345	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C347	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C348	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C349	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C350	1-126-933-11	s ELECT 100uF 20% 16V
C351	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C352	1-124-925-11	s ELECT 2.2uF 20% 100V
C353	1-124-925-11	s ELECT 2.2uF 20% 100V
C354	1-163-120-00	s CERAMIC, CHIP 130PF 5% 50V
C355	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C356	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C357	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C359	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C360	1-126-947-11	s ELECT 47uF 20% 35V
C361	1-126-947-11	s ELECT 47uF 20% 35V
C362	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C363	1-126-947-11	s ELECT 47uF 20% 35V

Ref. No. or Q'ty	Part No.	SP Description
C364	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C400	1-126-947-11	s ELECT 47uF 20% 35V
C401	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C402	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C404	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C405	1-126-947-11	s ELECT 47uF 20% 35V
C406	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C407	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C408	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C409	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C410	1-126-947-11	s ELECT 47uF 20% 35V
C411	1-163-106-00	s CERAMIC, CHIP 36PF 5% 50V
C412	1-163-120-00	s CERAMIC, CHIP 130PF 5% 50V
C413	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C414-419	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C420	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C421	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C422	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C424	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C425	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C426	1-124-903-11	s ELECT 1uF 20% 50V
C427	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C428	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C429	1-124-903-11	s ELECT 1uF 20% 50V
C430	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C431	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C432	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C433	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C434	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C435	1-126-933-11	s ELECT 100uF 20% 16V
C436	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C437	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C438	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C439	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C440	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C441	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C443	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C444	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C445	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C446	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C447	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C448	1-126-933-11	s ELECT 100uF 20% 16V
C449	1-164-489-11	s CERAMIC, CHIP 0.22uF 10% 16V
C450	1-124-925-11	s ELECT 2.2uF 20% 100V
C451	1-124-925-11	s ELECT 2.2uF 20% 100V
C452	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C454	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C455	1-126-947-11	s ELECT 47uF 20% 35V
C456	1-126-947-11	s ELECT 47uF 20% 35V
C457	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C458	1-126-947-11	s ELECT 47uF 20% 35V
C459	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C461	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C462	1-163-102-00	s CERAMIC, CHIP 24PF 5% 50V
C463	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C464	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C465	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C501	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C502	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V

Ref. No. or Q'ty	Part No.	SP Description
C503	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C504	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C505	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C506	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C507	1-126-947-11	s ELECT 47uF 20% 35V
C508	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C509	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C510	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C511	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C512	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C513	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C514	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C515-523	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C524	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C525	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C527	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C528	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C529	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C530	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C531	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C532	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C533	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C534	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C535	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C536	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C537	1-126-947-11	s ELECT 47uF 20% 35V
C538	1-126-947-11	s ELECT 47uF 20% 35V
C539	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C540	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C541	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C542	1-126-947-11	s ELECT 47uF 20% 35V
C543	1-126-947-11	s ELECT 47uF 20% 35V
C544	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C546	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C547-552	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C554	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C555	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C700	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C701	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C702	1-126-964-11	s ELECT 10uF 20% 50V
C703	1-126-964-11	s ELECT 10uF 20% 50V
C704	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C705	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C706	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C707	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C708	1-126-947-11	s ELECT 47uF 20% 35V
C709-715	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C716	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C717	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C718	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C719	1-126-947-11	s ELECT 47uF 20% 35V
C720	1-130-489-00	s MYLAR 0.033uF 5% 50V
C721	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C722	1-126-947-11	s ELECT 47uF 20% 35V
C723-728	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C729	1-126-947-11	s ELECT 47uF 20% 35V
C730	1-126-947-11	s ELECT 47uF 20% 35V
C731	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
C732	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C733	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C734	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C735	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C736	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C738	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C739	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C740	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C741	1-131-347-00 s	TANTALUM 1uF 10% 35V
C742	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C743	1-131-363-00 s	TANTALUM 4.7uF 10% 20V
C744	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C746	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C747	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C748	1-163-106-00 s	CERAMIC, CHIP 36PF 5% 50V
C749	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C750	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C751	1-163-243-11 s	CERAMIC, CHIP 47PF 5% 50V
C752	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C753	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C754	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C755	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C756	1-163-809-11 s	CERAMIC, CHIP 0.047uF 10% 25V
C757	1-163-809-11 s	CERAMIC, CHIP 0.047uF 10% 25V
C758	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C759	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C760	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C761	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C762	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C763	1-126-947-11 s	ELECT 47uF 20% 35V
C764	1-126-947-11 s	ELECT 47uF 20% 35V
C765	1-124-903-11 s	ELECT 1uF 20% 50V
C766	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C767	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C768	1-163-243-11 s	CERAMIC, CHIP 47PF 5% 50V
C769	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C770	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C771	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C772	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C773	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C774	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C775	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C776	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C777	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C778	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C779	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C780	1-126-947-11 s	ELECT 47uF 20% 35V
C781	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C782	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C783	1-126-947-11 s	ELECT 47uF 20% 35V
C784	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C785	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C786	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C787	1-163-125-00 s	CERAMIC, CHIP 220PF 5% 50V
C788	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C789	1-126-964-11 s	ELECT 10uF 20% 50V
C790	1-126-964-11 s	ELECT 10uF 20% 50V
C791	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C792	1-126-947-11 s	ELECT 47uF 20% 35V

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
C793	1-126-947-11 s	ELECT 47uF 20% 35V
C794	1-124-903-11 s	ELECT 1uF 20% 50V
C795	1-164-222-11 s	CERAMIC, CHIP 0.22uF 25V
C796	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C797	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C798	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C799	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C800	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C805	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C806	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
CN1	1-564-005-11 o	CONNECTOR 6P, MALE
CN2	1-564-005-11 o	CONNECTOR 6P, MALE
CN105	1-573-782-21 o	CONNECTOR, PHEC 60P, MALE
CN106	1-573-782-21 o	CONNECTOR, PHEC 60P, MALE
CV700	1-141-443-11 s	CAP, TRIMMER 30pF
CV701	1-141-443-11 s	CAP, TRIMMER 30pF
D1	8-719-941-04 s	DIODE SB007-03CP
D2	8-719-941-04 s	DIODE SB007-03CP
D100	8-719-941-23 s	DIODE DA204U
D101	8-719-123-82 s	DIODE ISS303-T1
D102	8-719-123-85 s	DIODE ISS304
D200	8-719-941-23 s	DIODE DA204U
D301	8-719-941-23 s	DIODE DA204U
D302	8-719-105-38 s	DIODE RD3.0M-B1
D303	8-719-041-39 s	DIODE KV1470
D304	8-719-041-39 s	DIODE KV1470
D305	8-719-941-23 s	DIODE DA204U
D401	8-719-941-23 s	DIODE DA204U
D402	8-719-105-38 s	DIODE RD3.0M-B1
D403	8-719-041-39 s	DIODE KV1470
D404	8-719-041-39 s	DIODE KV1470
D502	8-719-123-82 s	DIODE ISS303-T1
D503	8-719-123-82 s	DIODE ISS303-T1
D504	8-719-941-23 s	DIODE DA204U
D505	8-719-123-85 s	DIODE ISS304
D506	8-719-123-85 s	DIODE ISS304
D701	8-719-123-82 s	DIODE ISS303-T1
D702	8-719-002-81 s	DIODE 1T363A-M20-T8A
D703	8-719-002-81 s	DIODE 1T363A-M20-T8A
FL500	1-239-769-11 s	FILTER, LOW-PASS 5MHz
FL501	1-239-767-11 s	FILTER, LOW-PASS 2MHz
FL502	1-239-767-11 s	FILTER, LOW-PASS 2MHz
IC1	8-759-168-20 s	IC TA78L09S
IC2	8-759-168-20 s	IC TA78L09S
IC3	8-759-822-95 s	IC L79M05T-FA
IC4	8-759-822-95 s	IC L79M05T-FA
IC5	8-759-182-84 s	IC PQ05SZ5U
IC6	8-759-182-84 s	IC PQ05SZ5U
IC7	8-759-182-84 s	IC PQ05SZ5U
IC100	8-759-030-74 s	IC SC14S66FEL
IC101	8-759-981-48 s	IC NJM082M
IC102	8-759-908-15 s	IC TL431CLP
IC103	8-752-334-55 s	IC CXD1175M
IC200	8-759-030-74 s	IC SC14S66FEL
IC203	8-752-334-55 s	IC CXD1175M
IC300	8-759-702-08 s	IC NJM360M
IC301	8-752-339-03 s	IC CXD2207Q

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
IC302	8-759-300-71	s IC HD14053BFP
IC303	8-759-100-96	s IC UPC4558G2
IC304	8-759-100-96	s IC UPC4558G2
IC305	8-759-941-27	s IC MB4002PF
IC306	8-759-907-81	s IC SN74LS221NS
IC307	8-759-991-85	s IC 74F00SJ
IC308	8-759-030-74	s IC SC14S66FEL
IC309	8-759-981-48	s IC NJM082M
IC310	8-759-035-93	s IC TC7S32F-TE85L
IC400	8-759-702-08	s IC NJM360M
IC401	8-752-339-03	s IC CXD2207Q
IC402	8-759-100-96	s IC UPC4558G2
IC403	8-759-100-96	s IC UPC4558G2
IC404	8-759-702-08	s IC NJM360M
IC405	8-759-907-81	s IC SN74LS221NS
IC406	8-759-926-24	s IC SN74HC164ANS
IC407	8-759-991-85	s IC 74F00SJ
IC408	8-759-030-74	s IC SC14S66FEL
IC409	8-759-035-93	s IC TC7S32F-TE85L
IC501	8-752-362-70	s IC CXD101-106Q
IC502	8-752-362-70	s IC CXD101-106Q
IC503	8-759-055-71	s IC CXD8313Q
IC504	8-759-055-71	s IC CXD8313Q
IC505	8-752-340-52	s IC CXK48324Q
IC506	8-759-926-55	s IC SN74HC266NS
IC507	8-759-147-05	s IC UPD42101G-3
IC508	8-752-340-52	s IC CXK48324Q
IC509	8-759-927-46	s IC SN74HC00ANS
IC510	8-759-926-77	s IC SN74HC541ANS
IC511	8-759-925-78	s IC SN74HC10ANS
IC512	8-759-926-18	s IC SN74HC157ANS
IC513	8-759-926-18	s IC SN74HC157ANS
IC514	8-759-239-55	s IC TC74HC123AF
IC515	8-759-100-96	s IC UPC4558G2
IC516	8-759-100-96	s IC UPC4558G2
IC517	8-759-100-96	s IC UPC4558G2
IC518	8-752-363-43	s IC CXD1171M-1-TH
IC519	8-752-363-43	s IC CXD1171M-1-TH
IC520	8-752-363-43	s IC CXD1171M-1-TH
IC521	8-752-052-77	s IC CXA1450M
IC522	8-759-926-24	s IC SN74HC164ANS
IC523	8-759-925-85	s IC SN74HC32ANS
IC524	8-759-926-18	s IC SN74HC157ANS
IC525	8-759-926-18	s IC SN74HC157ANS
IC526	8-759-926-18	s IC SN74HC157ANS
IC527	8-759-926-18	s IC SN74HC157ANS
IC528	8-759-925-90	s IC SN74HC74ANS
IC700	8-759-300-71	s IC HD14053BFP
IC701	8-759-981-48	s IC NJM082M
IC702	8-759-009-05	s IC MC14051BF
IC703	8-759-987-27	s IC LM1881M
IC704	8-759-100-96	s IC UPC4558G2
IC705	8-759-981-48	s IC NJM082M
IC706	8-759-702-08	s IC NJM360M
IC707	8-759-100-96	s IC UPC4558G2
IC708	8-759-908-15	s IC TL431CLP
IC709	8-759-980-04	s IC LM311PS
IC710	8-759-239-55	s IC TC74HC123AF
IC711	8-759-925-74	s IC TC74HC04ANS

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
IC712	8-759-250-81	s IC TC5081AP
IC713	8-752-335-47	s IC CXD1216M
IC714	8-759-336-06	s IC MC68HC05C4-SC412511FU
IC715	8-759-300-71	s IC HD14053BFP
IC716	8-759-925-76	s IC SN74HC08ANS
IC717	8-759-241-03	s IC TC74HC191AF
IC718	8-759-031-84	s IC TC7S04F
IC719	8-759-031-84	s IC TC7S04F
IC720	8-759-925-90	s IC SN74HC74ANS
IC721	8-759-239-55	s IC TC74HC123AF
IC722	8-759-519-49	s IC CXD8165Q
IC723	8-752-334-64	s IC CXD1171M
IC724	8-752-334-64	s IC CXD1171M
IC725	8-752-052-77	s IC CXA1450M
IC726	8-759-981-48	s IC NJM082M
IC728	8-759-031-84	s IC TC7S04F
L1-L5	1-412-533-21	s INDUCTOR 47uH
L100	1-410-478-11	s INDUCTOR 47uH
L101	1-410-476-11	s INDUCTOR 33uH
L102	1-410-478-11	s INDUCTOR 47uH
L103	1-410-478-11	s INDUCTOR 47uH
L200	1-410-478-11	s INDUCTOR 47uH
L201	1-410-476-11	s INDUCTOR 33uH
L202	1-410-478-11	s INDUCTOR 47uH
L203	1-410-478-11	s INDUCTOR 47uH
L300	1-410-478-11	s INDUCTOR 47uH
L301	1-410-478-11	s INDUCTOR 47uH
L302	1-408-621-31	s INDUCTOR 330uH
L303	1-410-492-11	s INDUCTOR 680uH
L304	1-408-419-00	s INDUCTOR 68uH
L305	1-410-478-11	s INDUCTOR 47uH
L306	1-410-478-11	s INDUCTOR 47uH
L307	1-408-406-00	s INDUCTOR 5.6uH
L400	1-410-478-11	s INDUCTOR 47uH
L401	1-410-478-11	s INDUCTOR 47uH
L402	1-408-411-00	s INDUCTOR 15uH
L403	1-410-476-11	s INDUCTOR 33uH
L404	1-410-482-31	s INDUCTOR 100uH
L405	1-408-425-00	s INDUCTOR 220uH
L406	1-408-416-00	s INDUCTOR 39uH
L407	1-410-478-11	s INDUCTOR 47uH
L408	1-410-478-11	s INDUCTOR 47uH
L500-504	1-410-478-11	s INDUCTOR 47uH
L700	1-410-482-31	s INDUCTOR 100uH
L701	1-408-419-00	s INDUCTOR 68uH
L702-709	1-410-478-11	s INDUCTOR 47uH
LV300	1-406-746-11	s INDUCTOR, VAR 22uH
LV400	1-406-745-11	s INDUCTOR, VAR 6.8uH
Q100	8-729-117-32	s TRANSISTOR 2SC4177
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-32	s TRANSISTOR 2SC4177
Q103	8-729-118-56	s TRANSISTOR 2SK852-X2
Q104	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q200	8-729-117-32	s TRANSISTOR 2SC4177
Q201	8-729-117-32	s TRANSISTOR 2SC4177
Q202	8-729-117-32	s TRANSISTOR 2SC4177
Q203	8-729-118-56	s TRANSISTOR 2SK852-X2
Q300	8-729-117-32	s TRANSISTOR 2SC4177

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
Q301	8-729-117-32 s	TRANSISTOR 2SC4177
Q302	8-729-117-32 s	TRANSISTOR 2SC4177
Q303	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q304	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q305	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-117-32 s	TRANSISTOR 2SC4177
Q400	8-729-117-32 s	TRANSISTOR 2SC4177
Q401	8-729-117-32 s	TRANSISTOR 2SC4177
Q402	8-729-117-32 s	TRANSISTOR 2SC4177
Q403	8-729-117-32 s	TRANSISTOR 2SC4177
Q404	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q405	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q406	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q407	8-729-117-32 s	TRANSISTOR 2SC4177
Q500	8-729-117-32 s	TRANSISTOR 2SC4177
Q501	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q502	8-729-117-32 s	TRANSISTOR 2SC4177
Q503	8-729-117-32 s	TRANSISTOR 2SC4177
Q700	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q701	8-729-117-32 s	TRANSISTOR 2SC4177
Q702	8-729-117-32 s	TRANSISTOR 2SC4177
Q703	8-729-117-32 s	TRANSISTOR 2SC4177
Q704	8-729-117-32 s	TRANSISTOR 2SC4177
Q705	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q706	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q707-711	8-729-117-32 s	TRANSISTOR 2SC4177
R100	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R101	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R102	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R103	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R104	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R105	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R106	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R107	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R108	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R109	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R110	1-216-093-00 s	METAL, CHIP 68K 5% 1/10W
R111	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R114	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R115	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R116	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R117	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R118	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R119	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R120	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R121	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R122	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R123	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R124	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R125	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R200	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R201	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R202	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R203	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R204	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R205	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R206	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R207	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R208	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R209	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R210	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R211	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R212	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R213	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R214	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R215	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R222	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R223	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R301	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R302	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R303	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R304	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R305	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R306	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R307	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R308	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R309	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R310	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R311	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R312	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R313	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R314	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R315	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R316	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R317	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R318	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R319	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R320	1-216-295-91 s	RES, CHIP 0
R321	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R322	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R323	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R324	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R325	1-216-117-00 s	METAL, CHIP 680K 5% 1/10W
R326	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R327	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R328	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R329	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R330	1-216-634-11 s	METAL, CHIP 200 0.5% 1/10W
R331	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R332	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R333	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R334	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R335	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R336	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R337	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R338	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R339	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R340	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R341	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R342	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R343	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R344	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R345	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R346	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R347	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W



(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R348	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R349	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R350	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R351	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R352	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R353	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R354	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R355	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R358	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R359	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R360	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R361	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R363	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R367	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R369	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R371	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R372	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R373	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R374	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R375	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R376	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R380	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R400	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R401	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R402	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R403	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R404	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R405	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R406	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R407	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R408	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R409	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R410	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R411	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R412	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R413	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R414	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R415	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R416	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R417	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R418	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R419	1-216-295-91	s RES, CHIP 0
R420	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R421	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R423	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R424	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R425	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R426	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R427	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R428	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R429	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R430	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R431	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R432	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R433	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R434	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R435	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R436	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R437	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R438	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R439	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R440	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R441	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R442	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R443	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R444	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R445	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R446	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R447	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R448	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R449	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R450	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R451	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R452	1-216-061-00	s METAL, CHIP 3.3K 5% 1/10W
R453	1-216-109-00	s METAL, CHIP 330K 5% 1/10W
R454	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R455	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R456	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R457	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R458	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R459	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R460	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R461	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R462	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R463	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R464	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R468	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R469	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R470	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R500-506	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R507	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R508-512	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R513	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R514	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R515	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R516	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R540	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R541	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R542	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R545	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R546	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R547	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R548	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R549	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R550	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R551	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R552	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R553	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R554	1-216-678-11	s METAL, CHIP 13K 0.5% 1/10W
R555	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R556	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R557	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R558	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R559	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R560	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R561	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R562	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R563	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R564	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R565	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R566	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R567	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R568	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R569	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R570	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R571	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R572	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R573	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R574	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R575	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R576	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R577	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R578	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R579	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R580	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R581	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R582	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R583	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R584	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R585	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R586	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R587	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R588	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R589	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R590	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R591	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R592	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R595	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R596	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R597	1-216-295-91 s	RES, CHIP 0
R598	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R700	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R701	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R702	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R704	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R705	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R706	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R707	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R708	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R710	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R711	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R712	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R713	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R714	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R715	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R716	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R717	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R718	1-216-059-00 s	METAL, CHIP 2.7K 5% 1/10W
R719	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R720	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R721	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R722	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R723	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R724	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R725	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R726	1-216-041-00 s	METAL, CHIP 470 5% 1/10W

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R727	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R728	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R729	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R730	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R731	1-216-093-00 s	METAL, CHIP 68K 5% 1/10W
R732	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R733	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R734	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R735	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R736	1-216-061-00 s	METAL, CHIP 3.3K 5% 1/10W
R737	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R738	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R739	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R740	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R741	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R742	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R743	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R744	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R745	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R746	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R747	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R748	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R749	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R752	1-216-295-91 s	RES, CHIP 0
R754	1-216-295-91 s	RES, CHIP 0
R755	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R756	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R757	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R758	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R760	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R761	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R762	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R763	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R764	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R765	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R766	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W
R767	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R768	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R769	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R770	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R771	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R772	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R773	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R774	1-216-069-00 s	METAL, CHIP 6.8K 5% 1/10W
R775	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R776	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R777	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R778	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R780	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R781	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R782	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R783	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R784	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R785	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R786	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R787	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R788	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R789	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R790	1-216-678-11 s	METAL, CHIP 13K 0.5% 1/10W

(TBC-25P BOARD(UVW-1800P/1600P))

Ref. No. or Q'ty	Part No.	SP Description
R791	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R792	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R793	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R794	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R795-799	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R800	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R801	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R802-807	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R809	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R810	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R811	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R812	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R813	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R814	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R815	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R816	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R817	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R818	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R819	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R820	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R821	1-216-059-00	s METAL, CHIP 2.7K 5% 1/10W
R822	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R823	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R824	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R825	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R826	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R827	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R828	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R829	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R830	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R831	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R832	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R833	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R834	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R835	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R838	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R839	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R840	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
RV100	1-241-758-11	s RES, ADJ METAL 100
RV200	1-241-758-11	s RES, ADJ METAL 100
RV300	1-241-786-11	s RES, ADJ METAL 22k
RV301	1-241-763-11	s RES, ADJ METAL 4.7k
RV400	1-241-786-11	s RES, ADJ METAL 22k
RV401	1-241-763-11	s RES, ADJ METAL 4.7k
RV500	1-241-784-11	s RES, ADJ METAL 4.7k
RV501	1-241-784-11	s RES, ADJ METAL 4.7k
RV502	1-241-785-11	s RES, ADJ METAL 10k
RV700	1-241-785-11	s RES, ADJ METAL 10k
RV701	1-241-785-11	s RES, ADJ METAL 10k
RV702	1-241-786-11	s RES, ADJ METAL 22k
RV703	1-241-784-11	s RES, ADJ METAL 4.7k
S500	1-692-535-11	s SWITCH, DIP 4-CKT
TH400	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH701	1-807-972-11	s THERMISTOR SV-1715 1.25k
X700	1-579-057-11	s CRYSTAL 17.734475MHz
X701	1-579-459-11	s CRYSTAL 13.5MHz

TR-84 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-648-921-11	o PRINTED CIRCUIT BOARD, TR-84
1pc	3-182-257-02	s HOLDER, DME
CN945	1-565-876-11	o CONNECTOR 4P, MALE
IC1	8-745-001-07	s DME DM-230-1

VP-43 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

VP-43 board is used for UVW-1800(J,UC).

lpc	A-8275-281-A	o	MOUNTED CIRCUIT BOARD, VP-43
lpc	3-182-386-02	o	PLATE, SHIELD (L), CARD
lpc	7-621-759-45	s	SCREW, +PSW2.6x6
lpc	3-179-084-01	s	LEVER (R), PC BOARD
lpc	3-179-085-01	s	LEVER (L), PC BOARD
C101	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C102	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C103	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C106	1-126-933-11	s	ELECT 100uF 20% 16V
C107	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C108	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C109	1-163-108-00	s	CERAMIC, CHIP 43PF 5% 50V
C110	1-163-249-11	s	CERAMIC, CHIP 82pF 5% 50V
C111	1-163-108-00	s	CERAMIC, CHIP 43PF 5% 50V
C112	1-124-903-11	s	ELECT 1uF 20% 50V
C113	1-124-903-11	s	ELECT 1uF 20% 50V
C114	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C115	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C118	1-163-245-11	s	CERAMIC, CHIP 56PF 5% 50V
C119	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C120-127	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C128	1-163-133-00	s	CERAMIC, CHIP 470PF 5% 50V
C129	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C130	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C131	1-126-933-11	s	ELECT 100uF 20% 16V
C132	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C133	1-163-113-00	s	CERAMIC, CHIP 68PF 5% 50V
C134-142	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C143	1-126-933-11	s	ELECT 100uF 20% 16V
C144	1-126-933-11	s	ELECT 100uF 20% 16V
C145	1-126-933-11	s	ELECT 100uF 20% 16V
C146	1-126-933-11	s	ELECT 100uF 20% 16V
C147	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C148	1-163-241-11	s	CERAMIC, CHIP 39PF 5% 50V
C149	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C150	1-126-933-11	s	ELECT 100uF 20% 16V
C201-212	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C213	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C214	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C215	1-126-925-11	s	ELECT 470uF 20% 10V
C216	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C218	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C219	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C220	1-164-161-11	s	CERAMIC, CHIP 0.0022uF 10% 100V
C221	1-163-091-00	s	CERAMIC, CHIP 8PF 50V
C222	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C223	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C224	1-126-925-11	s	ELECT 470uF 20% 10V
C225	1-126-925-11	s	ELECT 470uF 20% 10V
C226-230	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C231	1-126-925-11	s	ELECT 470uF 20% 10V
C232	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V

(VP-43 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

C234	1-107-552-11	s	MICA, CHIP 150pF 1% 50V
C235	1-126-933-11	s	ELECT 100uF 20% 16V
C236	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C237	1-126-963-11	s	ELECT 4.7uF 20% 50V
C238	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C239	1-163-114-00	s	CERAMIC, CHIP 75PF 5% 50V
C240	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C241	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C242	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C243	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C244	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C245	1-126-925-11	s	ELECT 470uF 20% 10V
C246	1-126-933-11	s	ELECT 100uF 20% 16V
C247	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C248	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C249	1-126-933-11	s	ELECT 100uF 20% 16V
C250	1-126-933-11	s	ELECT 100uF 20% 16V
C251	1-126-964-11	s	ELECT 10uF 20% 50V
C253	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C301	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C302	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C303	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C304	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11	s	ELECT 100uF 20% 16V
C306	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C307	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C308	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C309	1-163-110-00	s	CERAMIC, CHIP 51PF 5% 50V
C310	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C311	1-163-110-00	s	CERAMIC, CHIP 51PF 5% 50V
C312	1-124-903-11	s	ELECT 1uF 20% 50V
C313	1-124-903-11	s	ELECT 1uF 20% 50V
C314	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C315	1-163-135-00	s	CERAMIC, CHIP 560PF 5% 50V
C316	1-163-257-11	s	CERAMIC, CHIP 180PF 5% 50V
C317	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C319	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C320	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C321	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C322	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C323	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C324	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C325	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C326	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C327	1-163-133-00	s	CERAMIC, CHIP 470PF 5% 50V
C328	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C330	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C331	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C332	1-126-933-11	s	ELECT 100uF 20% 16V
C333	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C334	1-163-253-11	s	CERAMIC, CHIP 120PF 5% 50V
C335-339	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C340	1-126-933-11	s	ELECT 100uF 20% 16V
C341	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C342	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C343	1-126-933-11	s	ELECT 100uF 20% 16V
C344	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
C345	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C346	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C347	1-126-933-11	s	ELECT 100uF 20% 16V
C348	1-126-933-11	s	ELECT 100uF 20% 16V
C349	1-163-241-11	s	CERAMIC, CHIP 39PF 5% 50V
C350	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C351	1-126-933-11	s	ELECT 100uF 20% 16V
C401-408	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C409	1-126-925-11	s	ELECT 470uF 20% 10V
C410	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C411	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C412	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C413	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C414	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C415	1-164-161-11	s	CERAMIC, CHIP 0.0022uF 10% 100V
C416	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C417	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C418	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C419	1-126-925-11	s	ELECT 470uF 20% 10V
C420	1-126-925-11	s	ELECT 470uF 20% 10V
C421-425	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C426	1-126-933-11	s	ELECT 100uF 20% 16V
C427	1-126-925-11	s	ELECT 470uF 20% 10V
C428	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C429	1-163-084-00	s	CERAMIC, CHIP 1.5PF 50V
C430	1-107-552-11	s	MICA, CHIP 150pF 1% 50V
C431	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C432	1-126-963-11	s	ELECT 4.7uF 20% 50V
C433	1-163-239-11	s	CERAMIC, CHIP 33PF 5% 50V
C434	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C435	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C436	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C437	1-126-925-11	s	ELECT 470uF 20% 10V
C438	1-126-933-11	s	ELECT 100uF 20% 16V
C439	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C440	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C441	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C442	1-126-933-11	s	ELECT 100uF 20% 16V
C443	1-126-933-11	s	ELECT 100uF 20% 16V
C501	1-126-933-11	s	ELECT 100uF 20% 16V
C502	1-126-933-11	s	ELECT 100uF 20% 16V
C503	1-126-933-11	s	ELECT 100uF 20% 16V
C504	1-126-933-11	s	ELECT 100uF 20% 16V
C505-509	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C510	1-131-353-00	s	TANTALUM 10uF 10% 35V
C511	1-131-353-00	s	TANTALUM 10uF 10% 35V
C512	1-126-933-11	s	ELECT 100uF 20% 16V
C513	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C514	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C515	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C516	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C517	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C519	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C520	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C521	1-163-253-11	s	CERAMIC, CHIP 120PF 5% 50V
C522	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C523	1-163-235-11	s	CERAMIC, CHIP 22PF 5% 50V
C524	1-126-933-11	s	ELECT 100uF 20% 16V

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
C525-529	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C530	1-126-933-11	s	ELECT 100uF 20% 16V
C531	1-163-224-11	s	CERAMIC, CHIP 7PF 50V
C532	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C533	1-131-353-00	s	TANTALUM 10uF 10% 35V
C534	1-131-353-00	s	TANTALUM 10uF 10% 35V
C535	1-126-933-11	s	ELECT 100uF 20% 16V
C536	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C537	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C538	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C539	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C540	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C541	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C542	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C543	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C544	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C545	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C546	1-163-243-11	s	CERAMIC, CHIP 47PF 5% 50V
C547	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C548	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C549	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C550	1-163-222-11	s	CERAMIC, CHIP 5PF 50V
C551-555	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C556	1-126-925-11	s	ELECT 470uF 20% 10V
C557	1-126-925-11	s	ELECT 470uF 20% 10V
C558	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C559	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C600	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C601	1-126-933-11	s	ELECT 100uF 20% 16V
C602	1-126-933-11	s	ELECT 100uF 20% 16V
C603	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C604	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C605	1-163-227-11	s	CERAMIC, CHIP 10PF 5% 50V
C606	1-163-251-11	s	CERAMIC, CHIP 100PF 5% 50V
C607	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C608	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C609	1-163-118-00	s	CERAMIC, CHIP 110PF 5% 50V
C610	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C611	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C614	1-126-933-11	s	ELECT 100uF 20% 16V
C615	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C616	1-126-933-11	s	ELECT 100uF 20% 16V
C617	1-126-933-11	s	ELECT 100uF 20% 16V
C618	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C619	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C621	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C622	1-131-347-00	s	TANTALUM 1uF 10% 35V
C623	1-163-125-00	s	CERAMIC, CHIP 220PF 5% 50V
C624	1-131-347-00	s	TANTALUM 1uF 10% 35V
C625	1-131-347-00	s	TANTALUM 1uF 10% 35V
C626	1-131-347-00	s	TANTALUM 1uF 10% 35V
C627	1-126-933-11	s	ELECT 100uF 20% 16V
C628	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C629	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C630	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V
C631	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C632	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C633	1-163-033-91	s	CERAMIC, CHIP 0.022uF 50V

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C634	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C635-645	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C646	1-126-933-11	s ELECT 100uF 20% 16V
C647	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C648	1-126-933-11	s ELECT 100uF 20% 16V
C649	1-126-933-11	s ELECT 100uF 20% 16V
C651	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C652	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C653	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C654	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C655	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C656	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C657	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C658	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C659	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C660	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C661	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C662	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C663	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C664	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C665	1-163-224-11	s CERAMIC, CHIP 7PF 50V
C667	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C668	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C669	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C670	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C671	1-126-933-11	s ELECT 100uF 20% 16V
C701	1-126-933-11	s ELECT 100uF 20% 16V
C702	1-126-933-11	s ELECT 100uF 20% 16V
C703	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C704	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C705	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C706	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C707	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C708	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C709	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C710	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C711	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C712	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C713	1-126-933-11	s ELECT 100uF 20% 16V
C714-719	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C720-724	1-126-933-11	s ELECT 100uF 20% 16V
C725	1-131-353-00	s TANTALUM 10uF 10% 35V
C726	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C727	1-130-475-00	s MYLAR 0.0022uF 5% 50V
CN103	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN104	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN105	1-506-491-11	s CONNECTOR 12P, MALE
D201	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D501	8-719-123-82	s DIODE 1SS303-T1
D502	8-719-941-04	s DIODE SB007-03CP
D503	8-719-021-31	s DIODE UZM5.1B
D504	8-719-123-82	s DIODE 1SS303-T1
D601	8-719-941-04	s DIODE SB007-03CP
D701	8-719-123-85	s DIODE 1SS304
DL101	1-415-154-00	s DELAY LINE 35nS
DL301	1-415-546-11	s DELAY LINE 50nS

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
FL201	1-239-770-11	s FILTER, LOW-PASS 4MHz
FL401	1-239-772-11	s FILTER, LOW-PASS 3MHz
FL601	1-239-771-11	s FILTER, LOW-PASS 6 MHz
IC101	8-752-052-75	s IC CXA1479Q
IC102	8-759-300-71	s IC HD14053BFP
IC103	8-759-908-92	s IC TL084CNS
IC104	8-759-702-08	s IC NJM360M
IC201	8-759-981-48	s IC NJM082M
IC202	8-752-052-48	s IC CXA1370Q
IC203	8-759-700-65	s IC NJM79L05A
IC204	1-810-333-11	s HIC BP-022
IC205	8-759-189-43	s IC AN77L05-TA
IC301	8-752-052-75	s IC CXA1479Q
IC302	8-759-300-71	s IC HD14053BFP
IC303	8-759-908-92	s IC TL084CNS
IC401	8-752-052-48	s IC CXA1370Q
IC402	8-759-700-65	s IC NJM79L05A
IC403	1-810-333-11	s HIC BP-022
IC404	8-759-189-43	s IC AN77L05-TA
IC501	8-759-927-46	s IC SN74HC00ANS
IC502	8-759-908-92	s IC TL084CNS
IC503	8-759-300-71	s IC HD14053BFP
IC504	8-759-168-20	s IC TA78L09S
IC505	8-759-700-65	s IC NJM79L05A
IC506	8-759-908-92	s IC TL084CNS
IC507	8-752-052-73	s IC CXA1451M
IC508	8-752-052-73	s IC CXA1451M
IC509	8-752-052-73	s IC CXA1451M
IC510	8-752-052-73	s IC CXA1451M
IC511	8-759-182-84	s IC PQ05SZ5U
IC512	8-759-822-95	s IC L79M05T-FA
IC601	8-759-907-81	s IC SN74LS221NS
IC602	8-759-927-46	s IC SN74HC00ANS
IC603	8-759-908-92	s IC TL084CNS
IC604	8-759-300-71	s IC HD14053BFP
IC605	8-759-908-92	s IC TL084CNS
IC606	8-752-054-80	s IC CXA1521M
IC607	8-752-054-80	s IC CXA1521M
IC608	8-759-168-20	s IC TA78L09S
IC609	8-759-906-59	s IC CX22017
IC610	8-759-700-65	s IC NJM79L05A
IC611	8-752-052-73	s IC CXA1451M
IC612	8-759-262-00	s IC MC14576CF
IC701	8-752-052-73	s IC CXA1451M
IC702	8-752-052-73	s IC CXA1451M
IC703	8-759-927-46	s IC SN74HC00ANS
IC704	8-759-925-74	s IC TC74HC04ANS
IC705	8-759-925-85	s IC SN74HC32ANS
L101	1-410-482-31	s INDUCTOR 100uH
L102	1-408-406-00	s INDUCTOR 5.6uH
L103	1-408-406-00	s INDUCTOR 5.6uH
L104	1-410-466-41	s INDUCTOR 4.7uH
L105	1-410-482-31	s INDUCTOR 100uH
L106	1-410-462-11	s INDUCTOR 2.2uH
L107	1-410-482-31	s INDUCTOR 100uH
L108	1-410-482-31	s INDUCTOR 100uH
L109	1-408-621-31	s INDUCTOR 330uH
L110	1-410-482-31	s INDUCTOR 100uH

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
L201	1-410-471-11	s INDUCTOR 12uH
L202	1-410-482-31	s INDUCTOR 100uH
L203	1-410-468-11	s INDUCTOR 6.8uH
L204	1-410-478-11	s INDUCTOR 47uH
L205	1-410-482-31	s INDUCTOR 100uH
L206	1-410-482-31	s INDUCTOR 100uH
L207	1-410-482-31	s INDUCTOR 100uH
L301	1-410-482-31	s INDUCTOR 100uH
L302	1-410-468-11	s INDUCTOR 6.8uH
L303	1-410-468-11	s INDUCTOR 6.8uH
L304	1-408-429-00	s INDUCTOR 470uH
L305	1-408-429-00	s INDUCTOR 470uH
L306	1-408-406-00	s INDUCTOR 5.6uH
L307	1-410-482-31	s INDUCTOR 100uH
L308	1-410-462-11	s INDUCTOR 2.2uH
L309	1-408-621-31	s INDUCTOR 330uH
L310	1-410-482-31	s INDUCTOR 100uH
L311	1-410-482-31	s INDUCTOR 100uH
L312	1-410-482-31	s INDUCTOR 100uH
L401	1-410-471-11	s INDUCTOR 12uH
L402	1-410-482-31	s INDUCTOR 100uH
L403	1-408-408-00	s INDUCTOR 8.2uH
L404	1-410-482-31	s INDUCTOR 100uH
L405	1-410-482-31	s INDUCTOR 100uH
L406	1-410-482-31	s INDUCTOR 100uH
L501	1-410-482-31	s INDUCTOR 100uH
L502	1-410-482-31	s INDUCTOR 100uH
L503	1-410-482-31	s INDUCTOR 100uH
L505	1-410-482-31	s INDUCTOR 100uH
L506	1-410-482-31	s INDUCTOR 100uH
L507	1-408-419-00	s INDUCTOR 68uH
L508	1-410-478-11	s INDUCTOR 47uH
L509	1-410-476-11	s INDUCTOR 33uH
L601-609	1-410-482-31	s INDUCTOR 100uH
L610	1-410-478-11	s INDUCTOR 47uH
L611	1-410-478-11	s INDUCTOR 47uH
L612	1-410-478-11	s INDUCTOR 47uH
L613	1-410-478-11	s INDUCTOR 47uH
L614	1-408-413-00	s INDUCTOR 22uH
L701	1-410-482-31	s INDUCTOR 100uH
L702	1-410-482-31	s INDUCTOR 100uH
L703	1-410-476-11	s INDUCTOR 33uH
L704	1-410-476-11	s INDUCTOR 33uH
L705	1-410-482-31	s INDUCTOR 100uH
L706-710	1-412-533-21	s INDUCTOR 47uH
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-72	s TRANSISTOR 2SC4178
Q103	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q104	8-729-117-72	s TRANSISTOR 2SC4178
Q105	8-729-117-72	s TRANSISTOR 2SC4178
Q106	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q107-111	8-729-117-72	s TRANSISTOR 2SC4178
Q112	8-729-905-18	s TRANSISTOR DTC144EU
Q201	8-729-117-72	s TRANSISTOR 2SC4178
Q202	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q203	8-729-117-72	s TRANSISTOR 2SC4178
Q204	8-729-117-72	s TRANSISTOR 2SC4178
Q205	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q206	8-729-143-07	s TRANSISTOR 2SA1610-YY33

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
Q207	8-729-117-72	s TRANSISTOR 2SC4178
Q208	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q209	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q210	8-729-117-72	s TRANSISTOR 2SC4178
Q211	8-729-117-72	s TRANSISTOR 2SC4178
Q212	8-729-117-72	s TRANSISTOR 2SC4178
Q213	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q214	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q215	8-729-117-72	s TRANSISTOR 2SC4178
Q216	8-729-905-12	s TRANSISTOR DTA144EU
Q217	8-729-117-72	s TRANSISTOR 2SC4178
Q218	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q219	8-729-117-72	s TRANSISTOR 2SC4178
Q220	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q301	8-729-117-32	s TRANSISTOR 2SC4177
Q302	8-729-117-72	s TRANSISTOR 2SC4178
Q303	8-729-117-72	s TRANSISTOR 2SC4178
Q304	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q305	8-729-117-72	s TRANSISTOR 2SC4178
Q306	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q307-311	8-729-117-72	s TRANSISTOR 2SC4178
Q401	8-729-117-72	s TRANSISTOR 2SC4178
Q402	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q403	8-729-117-72	s TRANSISTOR 2SC4178
Q404	8-729-117-72	s TRANSISTOR 2SC4178
Q405	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q406	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q407	8-729-117-72	s TRANSISTOR 2SC4178
Q408	8-729-117-72	s TRANSISTOR 2SC4178
Q409	8-729-117-72	s TRANSISTOR 2SC4178
Q410	8-729-117-72	s TRANSISTOR 2SC4178
Q411	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q412	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q413	8-729-117-72	s TRANSISTOR 2SC4178
Q414	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q415	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q416	8-729-905-12	s TRANSISTOR DTA144EU
Q417	8-729-117-72	s TRANSISTOR 2SC4178
Q418	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q501	8-729-117-32	s TRANSISTOR 2SC4177
Q502	8-729-923-06	s TRANSISTOR FMW8
Q503	8-729-904-04	s TRANSISTOR FMS2
Q504	8-729-903-82	s TRANSISTOR FMW2
Q505	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q506	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q507	8-729-931-46	s TRANSISTOR FMW7
Q508	8-729-907-26	s TRANSISTOR IMX1
Q509	8-729-117-32	s TRANSISTOR 2SC4177
Q510	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q511	8-729-117-32	s TRANSISTOR 2SC4177
Q512	8-729-117-32	s TRANSISTOR 2SC4177
Q513	8-729-117-32	s TRANSISTOR 2SC4177
Q514	8-729-904-41	s TRANSISTOR FMY3
Q515	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q516	8-729-117-32	s TRANSISTOR 2SC4177
Q517	8-729-904-41	s TRANSISTOR FMY3
Q601	8-729-117-32	s TRANSISTOR 2SC4177
Q602	8-729-117-32	s TRANSISTOR 2SC4177
Q603	8-729-923-06	s TRANSISTOR FMW8

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
Q604	8-729-923-06	s	TRANSISTOR FMW8
Q605	8-729-904-04	s	TRANSISTOR FMS2
Q606	8-729-904-04	s	TRANSISTOR FMS2
Q607	8-729-903-82	s	TRANSISTOR FMW2
Q608	8-729-903-82	s	TRANSISTOR FMW2
Q609	8-729-907-26	s	TRANSISTOR IMX1
Q610	8-729-907-26	s	TRANSISTOR IMX1
Q611	8-729-931-46	s	TRANSISTOR FMW7
Q612	8-729-931-46	s	TRANSISTOR FMW7
Q613	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q614	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q615	8-729-117-32	s	TRANSISTOR 2SC4177
Q616	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q617-626	8-729-117-32	s	TRANSISTOR 2SC4177
Q627	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q628	8-729-117-32	s	TRANSISTOR 2SC4177
Q701	8-729-117-32	s	TRANSISTOR 2SC4177
Q702	8-729-117-32	s	TRANSISTOR 2SC4177
Q703	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q705	8-729-117-32	s	TRANSISTOR 2SC4177
Q706	8-729-117-32	s	TRANSISTOR 2SC4177
Q707	8-729-117-32	s	TRANSISTOR 2SC4177
Q708	8-729-117-32	s	TRANSISTOR 2SC4177
Q709	8-729-422-44	s	TRANSISTOR 2SK663
Q710	8-729-422-44	s	TRANSISTOR 2SK663
Q711	8-729-422-44	s	TRANSISTOR 2SK663
Q712	8-729-422-44	s	TRANSISTOR 2SK663
Q713	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q714	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R101	1-216-295-91	s	RES, CHIP 0
R102	1-216-295-91	s	RES, CHIP 0
R103	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R104	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R105	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R106	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R107	1-216-295-91	s	RES, CHIP 0
R108	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R109	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R110	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R111	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R112	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R113	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R114	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R115	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R116	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R117	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R118	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R119	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R120	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R121	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R122	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R123	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R124	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R126	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R127	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R128	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R129	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
R130	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R131	1-208-775-11	s	METAL, CHIP 510 0.5% 1/10W
R132	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R133	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R134	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R135	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R136	1-208-822-11	s	METAL, CHIP 47k 0.5% 1/10W
R137	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R138	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R139	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R140	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R141	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R142	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R143	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R144	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R145	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R146	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R147	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R148	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R149	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R150	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R151	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R152	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R153	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R154	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R155	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R156	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R157	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R158	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R159	1-216-077-00	s	METAL, CHIP 15K 5% 1/10W
R160	1-216-085-00	s	METAL, CHIP 33K 5% 1/10W
R161	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R162	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R163	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R164	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W
R165	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R166	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R168	1-216-295-91	s	RES, CHIP 0
R169	1-216-295-91	s	RES, CHIP 0
R170	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R201	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R202	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R203	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R204	1-208-823-11	s	METAL, CHIP 51k 0.5% 1/10W
R205	1-216-650-11	s	METAL, CHIP 910 0.5% 1/10W
R206	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R207	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R208	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R209	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R210	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R211	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R212	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R213	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R214	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R215	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R216	1-216-673-11	s	METAL, CHIP 8.2K 0.5% 1/10W
R217	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R218	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R220	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R221	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R222	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R223	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R224	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R225	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R226	1-216-063-91 s	METAL, CHIP 3.9k 5% 1/10W
R227	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R228	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R229	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R230	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R231	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R232	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R233	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R234	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R235	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R236	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R237	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R238	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R239	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R240	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R241	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R242	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R243	1-216-063-91 s	METAL, CHIP 3.9k 5% 1/10W
R244	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R245	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R246	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R247	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R248	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R249	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R250	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R251	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R253	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R255	1-216-652-11 s	METAL, CHIP 1.1K 0.5% 1/10W
R256	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R257	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R258	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R259	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R260	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R262	1-216-685-11 s	METAL, CHIP 27K 0.5% 1/10W
R263	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R264	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R265	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R266	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R267	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R268	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R269	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R270	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R271	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R272	1-208-751-11 s	METAL, CHIP 51 0.5% 1/10W
R273	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R274	1-216-295-91 s	RES, CHIP 0
R275	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R276	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R278	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R301	1-216-629-11 s	METAL, CHIP 120 0.5% 1/10W
R302	1-216-629-11 s	METAL, CHIP 120 0.5% 1/10W
R303	1-216-633-11 s	METAL, CHIP 180 0.5% 1/10W
R304	1-216-633-11 s	METAL, CHIP 180 0.5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R305	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R306	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R308	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R309	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R310	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R311	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R312	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R313	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R314	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R315	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R316	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R317	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R318	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R319	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R320	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R321	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R322	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R323	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R324	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R325	1-208-775-11 s	METAL, CHIP 510 0.5% 1/10W
R326	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R327	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R328	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R329	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R330	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R331	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R332	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R333	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R334	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R335	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R336	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R337	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R338	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R339	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R340	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R341	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R342	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R343	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R344	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R345	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R346	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R347	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R348	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R349	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R350	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R351	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R352	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R353	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R354	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R355	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R356	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R357	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R358	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R359	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R401	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R402	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R403	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R404	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R405	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R406	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R407	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R408	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R409	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R410	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R411	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R412	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R413	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R414	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R415	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R416	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R417	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R418	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R419	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R420	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R421	1-216-649-11 s	METAL, CHIP 820 0.5% 1/10W
R422	1-216-664-11 s	METAL, CHIP 3.6K 0.5% 1/10W
R423	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R424	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R425	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R426	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R427	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R428	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R429	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R430	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R431	1-216-063-91 s	METAL, CHIP 3.9k 5% 1/10W
R432	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R433	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R434	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R435	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R436	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R437	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R438	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R439	1-216-063-91 s	METAL, CHIP 3.9k 5% 1/10W
R440	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R441	1-208-801-11 s	METAL, CHIP 6.2k 0.5% 1/10W
R442	1-216-671-11 s	METAL, CHIP 2.2K 5% 1/10W
R443	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R444	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R445	1-216-119-00 s	METAL, CHIP 820K 5% 1/10W
R446	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R447	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R448	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R449	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R450	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R451	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R452	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R453	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R454	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R455	1-216-685-11 s	METAL, CHIP 27K 0.5% 1/10W
R456	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R457	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R458	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R459	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R460	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R461	1-208-751-11 s	METAL, CHIP 51 0.5% 1/10W
R462	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R463	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R464	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R501	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R502	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R503	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R507	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R508	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R509	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R510	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R511	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R512	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R513	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R514	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R515	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R516	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R517	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R518	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R519	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R520	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R521	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R522	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R523	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R524	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R525	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R526	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R527	1-216-647-11 s	METAL, CHIP 680 0.5% 1/10W
R528	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R529	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R530	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R531	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R532	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R533	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R534	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R535	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R536	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R537	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R538	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R539	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R540	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R541	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R542	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R544	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R545	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R546	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R547	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R548	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R549	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R550	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R551	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R552	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R553	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R554	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R555	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R556	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R557	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R558	1-216-041-00 s	METAL, CHIP 470 5% 1/10W



(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R559	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R560	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R561	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R562	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R563	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R564	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R565	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R566	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R567	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R568-572	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R573	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R574	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R575	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R576	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R600	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R601	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R602	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R603	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R604	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R606	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R607	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R608	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R609	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R610	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R611	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R612	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R613	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R614	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R615	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R616	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R617	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R618	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R619	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R620	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R621	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R622	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R623	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R627	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R628	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R629	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R630	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R631	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R632	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R633	1-216-295-91	s RES, CHIP 0
R634	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R635	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R636	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R637	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R638	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R639	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R640	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R641	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R642	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R643	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R644	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R645	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R646	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R647	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R648	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R649	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R650	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R651	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R652	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R653	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R654	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R655	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R656	1-216-047-91	s METAL, CHIP 820 5% 1/10W
R657	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R658	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R659	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R660	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R661	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R662	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R663	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R664	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R665	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R666	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R667	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R668	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R669	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R670	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R671	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R673	1-216-295-91	s RES, CHIP 0
R675	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R676	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R677	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R678-682	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R683	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R684	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R686	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R687	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R688	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R689	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R690	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R691	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R692	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R693	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R694	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R695	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R696	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R697	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R698	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R699	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R701	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R702	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R703	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R704	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R705	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R706	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R707	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R708	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R709	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R710	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R711	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R712	1-216-025-91	s METAL, CHIP 100 5% 1/10W

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R713	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R714	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R715	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R716	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R717	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R718	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R719	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R720	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R721	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R722	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R723	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R724	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R725	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R726	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R727	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R728	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R729	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R730	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R731	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R732	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R733-737	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R738	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R739	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R740	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R741	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R742	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R743	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R744	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R745	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R746	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R747	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R748	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R749	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R750	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R751	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
RV101	1-241-785-11 s	RES, ADJ METAL 10k
RV102	1-241-785-11 s	RES, ADJ METAL 10k
RV103	1-241-761-11 s	RES, ADJ METAL 1k
RV201	1-241-763-11 s	RES, ADJ METAL 4.7k
RV301	1-241-785-11 s	RES, ADJ METAL 10k
RV302	1-241-785-11 s	RES, ADJ METAL 10k
RV303	1-241-761-11 s	RES, ADJ METAL 1k
RV401	1-241-764-11 s	RES, ADJ METAL 10k
RV501	1-241-761-11 s	RES, ADJ METAL 1k
RV502	1-241-761-11 s	RES, ADJ METAL 1k
RV503	1-241-761-11 s	RES, ADJ METAL 1k
RV504	1-241-761-11 s	RES, ADJ METAL 1k
RV505	1-241-761-11 s	RES, ADJ METAL 1k
RV506	1-241-758-11 s	RES, ADJ METAL 100
RV601	1-241-787-11 s	RES, ADJ METAL 47k
RV602	1-241-787-11 s	RES, ADJ METAL 47k
RV603	1-241-783-11 s	RES, ADJ METAL 2.2k
RV604	1-241-784-11 s	RES, ADJ METAL 4.7k
RV605	1-241-784-11 s	RES, ADJ METAL 4.7k
RV606	1-241-779-11 s	RES, ADJ METAL 100
RV701	1-241-783-11 s	RES, ADJ METAL 2.2k
RV702	1-241-783-11 s	RES, ADJ METAL 2.2k
RV703	1-241-761-11 s	RES, ADJ METAL 1k
RV704	1-241-761-11 s	RES, ADJ METAL 1k

(VP-43 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
TH201	1-807-972-11 s	THERMISTOR SV-1715 1.25k
TH401	1-807-972-11 s	THERMISTOR SV-1715 1.25k
TH601	1-807-972-11 s	THERMISTOR SV-1715 1.25k

VP-43P BOARD(UVW-1800P)

Ref. No. or Q'ty	Part No.	SP Description
VP-43P board is used for UVW-1800P(EK).		
1pc	A-8275-468-A	o MOUNTED CIRCUIT BOARD, VP-43P
1pc	3-182-386-02	o PLATE, SHIELD (L), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C101	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C102	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C106	1-126-933-11	s ELECT 100uF 20% 16V
C107	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C108	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C109	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C110	1-163-249-11	s CERAMIC, CHIP 82pF 5% 50V
C111	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C112	1-124-903-11	s ELECT 1uF 20% 50V
C113	1-124-903-11	s ELECT 1uF 20% 50V
C114	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C115	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C119	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C120-127	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C128	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C129	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C130	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C131	1-126-933-11	s ELECT 100uF 20% 16V
C132	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C133	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C134-142	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C143	1-126-933-11	s ELECT 100uF 20% 16V
C144	1-126-933-11	s ELECT 100uF 20% 16V
C145	1-126-933-11	s ELECT 100uF 20% 16V
C146	1-126-933-11	s ELECT 100uF 20% 16V
C147	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C148	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C149	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C150	1-126-933-11	s ELECT 100uF 20% 16V
C151	1-163-229-11	s CERAMIC, CHIP 12PF 5% 50V
C201-212	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C213	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C214	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C215	1-126-925-11	s ELECT 470uF 20% 10V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C219	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C220	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C221	1-163-091-00	s CERAMIC, CHIP 8PF 50V
C222	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C223	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C224	1-126-925-11	s ELECT 470uF 20% 10V
C225	1-126-925-11	s ELECT 470uF 20% 10V
C226-230	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C231	1-126-925-11	s ELECT 470uF 20% 10V

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C232	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C234	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C235	1-126-933-11	s ELECT 100uF 20% 16V
C236	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C237	1-126-963-11	s ELECT 4.7uF 20% 50V
C238	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C239	1-163-114-00	s CERAMIC, CHIP 75PF 5% 50V
C240	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C241	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C242	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C243	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C244	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C245	1-126-925-11	s ELECT 470uF 20% 10V
C246	1-126-933-11	s ELECT 100uF 20% 16V
C247	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C248	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C249	1-126-933-11	s ELECT 100uF 20% 16V
C250	1-126-933-11	s ELECT 100uF 20% 16V
C251	1-126-964-11	s ELECT 10uF 20% 50V
C252	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C253	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C301	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C302	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C303	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C304	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11	s ELECT 100uF 20% 16V
C306	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C307	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C308	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C309	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C310	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C311	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C312	1-124-903-11	s ELECT 1uF 20% 50V
C313	1-124-903-11	s ELECT 1uF 20% 50V
C314	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C315	1-163-135-00	s CERAMIC, CHIP 560PF 5% 50V
C316	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C322	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C323	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C324	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C325	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C326	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C327	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C330	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C331	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C332	1-126-933-11	s ELECT 100uF 20% 16V
C333	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C334	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C335-339	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C340	1-126-933-11	s ELECT 100uF 20% 16V
C341	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C342	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C343	1-126-933-11	s ELECT 100uF 20% 16V
C344	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C345	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C346	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C347	1-126-933-11	s ELECT 100uF 20% 16V
C348	1-126-933-11	s ELECT 100uF 20% 16V
C349	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C350	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C351	1-126-933-11	s ELECT 100uF 20% 16V
C401-408	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C409	1-126-925-11	s ELECT 470uF 20% 10V
C410	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C411	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C412	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C413	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C414	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C415	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C416	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C417	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C418	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C419	1-126-925-11	s ELECT 470uF 20% 10V
C420	1-126-925-11	s ELECT 470uF 20% 10V
C421-425	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C426	1-126-933-11	s ELECT 100uF 20% 16V
C427	1-126-925-11	s ELECT 470uF 20% 10V
C428	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C429	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C430	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C431	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C432	1-126-963-11	s ELECT 4.7uF 20% 50V
C433	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C434	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C435	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C436	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C437	1-126-925-11	s ELECT 470uF 20% 10V
C438	1-126-933-11	s ELECT 100uF 20% 16V
C439	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C440	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C441	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C442	1-126-933-11	s ELECT 100uF 20% 16V
C443	1-126-933-11	s ELECT 100uF 20% 16V
C501	1-126-933-11	s ELECT 100uF 20% 16V
C502	1-126-933-11	s ELECT 100uF 20% 16V
C503	1-126-933-11	s ELECT 100uF 20% 16V
C504	1-126-933-11	s ELECT 100uF 20% 16V
C505-509	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C510	1-131-353-00	s TANTALUM 10uF 10% 35V
C511	1-131-353-00	s TANTALUM 10uF 10% 35V
C512	1-126-933-11	s ELECT 100uF 20% 16V
C513	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C514	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C515	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C516	1-130-491-00	s MYLAR 0.047uF 5% 50V
C517	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C519	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C520	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C521	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C522	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C523	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C524	1-126-933-11	s ELECT 100uF 20% 16V
C525-529	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C530	1-126-933-11	s ELECT 100uF 20% 16V
C531	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C532	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C533	1-131-353-00	s TANTALUM 10uF 10% 35V
C534	1-131-353-00	s TANTALUM 10uF 10% 35V
C535	1-126-933-11	s ELECT 100uF 20% 16V
C536	1-130-491-00	s MYLAR 0.047uF 5% 50V
C537	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C538	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C539	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C540	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C541	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C542	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C543	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C544	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C545	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C546	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C547	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C548	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C549	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C550	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C551-555	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C556	1-126-925-11	s ELECT 470uF 20% 10V
C557	1-126-925-11	s ELECT 470uF 20% 10V
C558	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C559	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C600	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C601	1-126-933-11	s ELECT 100uF 20% 16V
C602	1-126-933-11	s ELECT 100uF 20% 16V
C603	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C604	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C605	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C606	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C607	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C608	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C609	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C610	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C611	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C614	1-126-933-11	s ELECT 100uF 20% 16V
C615	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C616	1-126-933-11	s ELECT 100uF 20% 16V
C617	1-126-933-11	s ELECT 100uF 20% 16V
C618	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C619	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C621	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C622	1-131-347-00	s TANTALUM 1uF 10% 35V
C623	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C624	1-131-347-00	s TANTALUM 1uF 10% 35V
C625	1-131-347-00	s TANTALUM 1uF 10% 35V
C626	1-131-347-00	s TANTALUM 1uF 10% 35V
C627	1-126-933-11	s ELECT 100uF 20% 16V
C628	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C629	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C630	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C631	1-130-491-00	s MYLAR 0.047uF 5% 50V

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C632	1-130-491-00	s MYLAR 0.047uF 5% 50V
C633	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C634	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C635-645	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C646	1-126-933-11	s ELECT 100uF 20% 16V
C647	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C648	1-126-933-11	s ELECT 100uF 20% 16V
C649	1-126-933-11	s ELECT 100uF 20% 16V
C651	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C652	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C653	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C654	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C655	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C656	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C657	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C658	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C659	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C660	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C661	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C662	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C663	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C664	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C665	1-163-087-00	s CERAMIC, CHIP 4PF 50V
C666	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C667	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C668	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C669	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C670	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C671	1-126-933-11	s ELECT 100uF 20% 16V
C701	1-126-933-11	s ELECT 100uF 20% 16V
C702	1-126-933-11	s ELECT 100uF 20% 16V
C703	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C704	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C705	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C706	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C707	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C708	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C709	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C710	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C711	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C712	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C713	1-126-933-11	s ELECT 100uF 20% 16V
C714-719	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C720-724	1-126-933-11	s ELECT 100uF 20% 16V
C725	1-131-353-00	s TANTALUM 10uF 10% 35V
C726	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C727	1-130-475-00	s MYLAR 0.0022uF 5% 50V
CN103	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN104	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN105	1-506-491-11	s CONNECTOR 12P, MALE
D201	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D501	8-719-123-82	s DIODE 1SS303-T1
D502	8-719-941-04	s DIODE SB007-03CP
D503	8-719-021-31	s DIODE UZM5.1B
D504	8-719-123-82	s DIODE 1SS303-T1
D601	8-719-941-04	s DIODE SB007-03CP
D701	8-719-123-85	s DIODE 1SS304

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
DL101	1-415-674-11	s DELAY LINE
DL301	1-415-546-11	s DELAY LINE 50nS
FL201	1-239-819-11	s FILTER, LOW-PASS
FL401	1-239-772-11	s FILTER, LOW-PASS 3MHz
FL601	1-239-771-11	s FILTER, LOW-PASS 6 MHz
IC101	8-752-052-75	s IC CXA1479Q
IC102	8-759-300-71	s IC HD14053BFP
IC103	8-759-908-92	s IC TL084CNS
IC104	8-759-702-08	s IC NJM360M
IC201	8-759-981-48	s IC NJM082M
IC202	8-752-052-48	s IC CXA1370Q
IC203	8-759-700-65	s IC NJM79L05A
IC204	1-810-333-11	s HIC BP-022
IC205	8-759-189-43	s IC AN77L05-TA
IC301	8-752-052-75	s IC CXA1479Q
IC302	8-759-300-71	s IC HD14053BFP
IC303	8-759-908-92	s IC TL084CNS
IC401	8-752-052-48	s IC CXA1370Q
IC402	8-759-700-65	s IC NJM79L05A
IC403	1-810-333-11	s HIC BP-022
IC404	8-759-189-43	s IC AN77L05-TA
IC501	8-759-927-46	s IC SN74HC00ANS
IC502	8-759-908-92	s IC TL084CNS
IC503	8-759-300-71	s IC HD14053BFP
IC504	8-759-168-20	s IC TA78L09S
IC505	8-759-700-65	s IC NJM79L05A
IC506	8-759-908-92	s IC TL084CNS
IC507	8-752-052-73	s IC CXA1451M
IC508	8-752-052-73	s IC CXA1451M
IC509	8-752-052-73	s IC CXA1451M
IC510	8-752-052-73	s IC CXA1451M
IC511	8-759-182-84	s IC PQ05SZ5U
IC512	8-759-822-95	s IC L79M05T-FA
IC601	8-759-907-81	s IC SN74LS221NS
IC602	8-759-927-46	s IC SN74HC00ANS
IC603	8-759-908-92	s IC TL084CNS
IC604	8-759-300-71	s IC HD14053BFP
IC605	8-759-908-92	s IC TL084CNS
IC606	8-752-054-80	s IC CXA1521M
IC607	8-752-054-80	s IC CXA1521M
IC608	8-759-168-20	s IC TA78L09S
IC609	8-759-906-59	s IC CX22017
IC610	8-759-700-65	s IC NJM79L05A
IC611	8-752-052-73	s IC CXA1451M
IC612	8-759-262-00	s IC MC14576CF
IC701	8-752-052-73	s IC CXA1451M
IC702	8-752-052-73	s IC CXA1451M
IC703	8-759-927-46	s IC SN74HC00ANS
IC704	8-759-925-74	s IC TC74HC04ANS
IC705	8-759-925-85	s IC SN74HC32ANS
L101	1-410-482-31	s INDUCTOR 100uH
L102	1-410-466-41	s INDUCTOR 4.7uH
L103	1-410-466-41	s INDUCTOR 4.7uH
L104	1-410-466-41	s INDUCTOR 4.7uH
L105	1-410-482-31	s INDUCTOR 100uH
L106	1-410-462-11	s INDUCTOR 2.2uH
L107	1-410-482-31	s INDUCTOR 100uH

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q' ty	Part No.	SP	Description
L108	1-410-482-31	s	INDUCTOR 100uH
L109	1-408-621-31	s	INDUCTOR 330uH
L110	1-410-482-31	s	INDUCTOR 100uH
L111	1-410-466-41	s	INDUCTOR 4.7uH
L201	1-410-471-11	s	INDUCTOR 12uH
L202	1-410-482-31	s	INDUCTOR 100uH
L203	1-410-468-11	s	INDUCTOR 6.8uH
L204	1-410-476-11	s	INDUCTOR 33uH
L205	1-410-482-31	s	INDUCTOR 100uH
L206	1-410-482-31	s	INDUCTOR 100uH
L207	1-410-482-31	s	INDUCTOR 100uH
L208	1-408-617-31	s	INDUCTOR 150uH
L301	1-410-482-31	s	INDUCTOR 100uH
L302	1-410-468-11	s	INDUCTOR 6.8uH
L303	1-410-468-11	s	INDUCTOR 6.8uH
L304	1-408-429-00	s	INDUCTOR 470uH
L305	1-408-429-00	s	INDUCTOR 470uH
L306	1-408-406-00	s	INDUCTOR 5.6uH
L307	1-410-482-31	s	INDUCTOR 100uH
L308	1-410-462-11	s	INDUCTOR 2.2uH
L309	1-408-621-31	s	INDUCTOR 330uH
L310	1-410-482-31	s	INDUCTOR 100uH
L311	1-410-482-31	s	INDUCTOR 100uH
L312	1-410-482-31	s	INDUCTOR 100uH
L401	1-410-471-11	s	INDUCTOR 12uH
L402	1-410-482-31	s	INDUCTOR 100uH
L403	1-408-408-00	s	INDUCTOR 8.2uH
L404	1-410-482-31	s	INDUCTOR 100uH
L405	1-410-482-31	s	INDUCTOR 100uH
L406	1-410-482-31	s	INDUCTOR 100uH
L501	1-410-482-31	s	INDUCTOR 100uH
L502	1-410-482-31	s	INDUCTOR 100uH
L503	1-410-482-31	s	INDUCTOR 100uH
L505	1-410-482-31	s	INDUCTOR 100uH
L506	1-410-482-31	s	INDUCTOR 100uH
L507	1-410-482-31	s	INDUCTOR 100uH
L508	1-410-478-11	s	INDUCTOR 47uH
L509	1-410-476-11	s	INDUCTOR 33uH
L601-609	1-410-482-31	s	INDUCTOR 100uH
L610	1-408-414-00	s	INDUCTOR 27uH
L611	1-408-414-00	s	INDUCTOR 27uH
L612	1-408-414-00	s	INDUCTOR 27uH
L613	1-408-414-00	s	INDUCTOR 27uH
L614	1-408-413-00	s	INDUCTOR 22uH
L615	1-408-413-00	s	INDUCTOR 22uH
L701	1-410-482-31	s	INDUCTOR 100uH
L702	1-410-482-31	s	INDUCTOR 100uH
L703	1-410-476-11	s	INDUCTOR 33uH
L704	1-410-476-11	s	INDUCTOR 33uH
L705	1-410-482-31	s	INDUCTOR 100uH
L706-710	1-412-533-21	s	INDUCTOR 47uH
Q101	8-729-117-32	s	TRANSISTOR 2SC4177
Q102	8-729-117-72	s	TRANSISTOR 2SC4178
Q103	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q104	8-729-117-72	s	TRANSISTOR 2SC4178
Q105	8-729-117-72	s	TRANSISTOR 2SC4178
Q106	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q107-111	8-729-117-72	s	TRANSISTOR 2SC4178

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q' ty	Part No.	SP	Description
Q112	8-729-905-18	s	TRANSISTOR DTC144EU
Q201	8-729-117-72	s	TRANSISTOR 2SC4178
Q202	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q203	8-729-117-72	s	TRANSISTOR 2SC4178
Q204	8-729-117-72	s	TRANSISTOR 2SC4178
Q205	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q206	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q207	8-729-117-72	s	TRANSISTOR 2SC4178
Q208	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q209	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q210	8-729-117-72	s	TRANSISTOR 2SC4178
Q211	8-729-117-72	s	TRANSISTOR 2SC4178
Q212	8-729-117-72	s	TRANSISTOR 2SC4178
Q213	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q214	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q215	8-729-117-72	s	TRANSISTOR 2SC4178
Q216	8-729-905-12	s	TRANSISTOR DTA144EU
Q217	8-729-117-72	s	TRANSISTOR 2SC4178
Q218	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q219	8-729-117-72	s	TRANSISTOR 2SC4178
Q220	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q301	8-729-117-32	s	TRANSISTOR 2SC4177
Q302	8-729-117-72	s	TRANSISTOR 2SC4178
Q303	8-729-117-72	s	TRANSISTOR 2SC4178
Q304	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q305	8-729-117-72	s	TRANSISTOR 2SC4178
Q306	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q307-311	8-729-117-72	s	TRANSISTOR 2SC4178
Q401	8-729-117-72	s	TRANSISTOR 2SC4178
Q402	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q403	8-729-117-72	s	TRANSISTOR 2SC4178
Q404	8-729-117-72	s	TRANSISTOR 2SC4178
Q405	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q406	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q407	8-729-117-72	s	TRANSISTOR 2SC4178
Q408	8-729-117-72	s	TRANSISTOR 2SC4178
Q409	8-729-117-72	s	TRANSISTOR 2SC4178
Q410	8-729-117-72	s	TRANSISTOR 2SC4178
Q411	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q412	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q413	8-729-117-72	s	TRANSISTOR 2SC4178
Q414	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q415	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q416	8-729-905-12	s	TRANSISTOR DTA144EU
Q417	8-729-117-72	s	TRANSISTOR 2SC4178
Q418	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q501	8-729-117-32	s	TRANSISTOR 2SC4177
Q502	8-729-923-06	s	TRANSISTOR FMW8
Q503	8-729-904-04	s	TRANSISTOR FMS2
Q504	8-729-903-82	s	TRANSISTOR FMW2
Q505	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q506	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q507	8-729-931-46	s	TRANSISTOR FMW7
Q508	8-729-907-26	s	TRANSISTOR IMX1
Q509	8-729-117-32	s	TRANSISTOR 2SC4177
Q510	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q511	8-729-117-32	s	TRANSISTOR 2SC4177
Q512	8-729-117-32	s	TRANSISTOR 2SC4177
Q513	8-729-117-32	s	TRANSISTOR 2SC4177

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
Q514	8-729-904-41	s TRANSISTOR FMY3
Q515	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q516	8-729-117-32	s TRANSISTOR 2SC4177
Q517	8-729-904-41	s TRANSISTOR FMY3
Q601	8-729-117-32	s TRANSISTOR 2SC4177
Q602	8-729-117-32	s TRANSISTOR 2SC4177
Q603	8-729-923-06	s TRANSISTOR FMW8
Q604	8-729-923-06	s TRANSISTOR FMW8
Q605	8-729-904-04	s TRANSISTOR FMS2
Q606	8-729-904-04	s TRANSISTOR FMS2
Q607	8-729-903-82	s TRANSISTOR FMW2
Q608	8-729-903-82	s TRANSISTOR FMW2
Q609	8-729-907-26	s TRANSISTOR IMX1
Q610	8-729-907-26	s TRANSISTOR IMX1
Q611	8-729-931-46	s TRANSISTOR FMW7
Q612	8-729-931-46	s TRANSISTOR FMW7
Q613	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q614	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q615	8-729-117-32	s TRANSISTOR 2SC4177
Q616	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q617-626	8-729-117-32	s TRANSISTOR 2SC4177
Q627	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q628	8-729-117-32	s TRANSISTOR 2SC4177
Q701	8-729-117-32	s TRANSISTOR 2SC4177
Q702	8-729-117-32	s TRANSISTOR 2SC4177
Q703	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q705	8-729-117-32	s TRANSISTOR 2SC4177
Q706	8-729-117-32	s TRANSISTOR 2SC4177
Q707	8-729-117-32	s TRANSISTOR 2SC4177
Q708	8-729-117-32	s TRANSISTOR 2SC4177
Q709	8-729-422-44	s TRANSISTOR 2SK663
Q710	8-729-422-44	s TRANSISTOR 2SK663
Q711	8-729-422-44	s TRANSISTOR 2SK663
Q712	8-729-422-44	s TRANSISTOR 2SK663
Q713	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q714	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
R101	1-216-295-91	s RES, CHIP 0
R102	1-216-295-91	s RES, CHIP 0
R103	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R104	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R105	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R106	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R108	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R109	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R110	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R111	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R112	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R113	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R114	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R115	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R116	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R117	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R118	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R119	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R120	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R121	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R122	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R123	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R124	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R126	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R127	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R128	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R129	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R130	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R131	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R132	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R133	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R134	1-216-645-11	s METAL, CHIP 560 0.5% 1/10W
R135	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R136	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R137	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R138	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R141	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R142	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R143	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R144	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R145	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R146	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R147	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R148	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R149	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R150	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R151	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R152	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R153	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R154	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R155	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R156	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R157	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R158	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R159	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R160	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R161	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R162	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R163	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R164	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R165	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R166	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R167	1-216-295-91	s RES, CHIP 0
R168	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R169	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R170	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R201	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R202	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R203	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R204	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R205	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R206	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R207	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R208	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R209	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R210	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R211	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R212	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R213	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R214	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R215	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R216	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R217	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R218	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R221	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R222	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R223	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R225	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R226	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R227	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R228	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R229	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R230	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R231	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R232	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R233	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R234	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R235	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R236	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R237	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R238	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R239	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R240	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R241	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R242	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R243	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R244	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R245	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R246	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R247	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R248	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R249	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R250	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R251	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R253	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R254	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R255	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R256	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R257	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R258	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R259	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R260	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R261	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R262	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R263	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R264	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R265	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R266	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R267	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R268	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R269	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R270	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R271	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R272	1-208-751-11	s METAL, CHIP 51 0.5% 1/10W
R273	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R274	1-216-295-91	s RES, CHIP 0
R275	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R276	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R277	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R278	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R301	1-216-295-91	s RES, CHIP 0
R302	1-216-295-91	s RES, CHIP 0
R303	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R304	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R305	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R306	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R308	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R309	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R310	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R311	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R312	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R313	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R314	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R315	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R316	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R317	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R318	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R319	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R320	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R321	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R322	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R323	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R324	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R325	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R326	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R327	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R328	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R329	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R330	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R332	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R335	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R336	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R337	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R338	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R339	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R340	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R341	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R342	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R343	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R344	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R345	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R346	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R347	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R348	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R349	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R350	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R351	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R352	1-216-077-00	s METAL, CHIP 15K 5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R353	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R354	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R355	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R356	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R357	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R358	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R359	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R401	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R402	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R403	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R404	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R405	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R406	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R407	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R408	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R409	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R410	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R411	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R412	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R413	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R414	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R415	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R416	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R417	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R418	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R419	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R420	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R421	1-216-649-11	s METAL, CHIP 820 0.5% 1/10W
R422	1-216-664-11	s METAL, CHIP 3.6K 0.5% 1/10W
R423	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R424	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R425	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R426	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R427	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R428	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R429	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R430	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R431	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R432	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R433	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R434	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R435	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R436	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R437	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R438	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R439	1-216-063-91	s METAL, CHIP 3.9k 5% 1/10W
R440	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R441	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R442	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R443	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R444	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R446	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R447	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R448	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R449	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R450	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R451	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R452	1-208-800-11	s METAL, CHIP 5.6k 0.5% 1/10W
R453	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R454	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R455	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R456	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R457	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R458	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R459	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R460	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R461	1-208-751-11	s METAL, CHIP 51 0.5% 1/10W
R462	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R463	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R464	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R501	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R502	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R503	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R506	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R507	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R508	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R509	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R510	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R511	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R512	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R513	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R514	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R515	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R516	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R517	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R518	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R519	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R520	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R521	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R522	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R523	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R524	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R525	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R526	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R527	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R528	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R529	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R530	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R531	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R532	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R533	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R534	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R535	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R536	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R537	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R538	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R539	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R540	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R541	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R542	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R544	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R545	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R546	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R547	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R548	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R549	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R550	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R551	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R552	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R553	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R554	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R555	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R556	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R557	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R558	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R559	1-216-053-00	s METAL, CHIP 1.5K 5% 1/10W
R560	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R561	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R562	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R563	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R564	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R565	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R566	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R567	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R568-572	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R573	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R574	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R575	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R576	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R600	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R601	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R602	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R603	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R604	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R606	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R607	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R608	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R609	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R610	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R611	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R612	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R613	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R614	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R615	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R616	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R617	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R618	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R619	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R620	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R621	1-216-682-11	s METAL, CHIP 20K 0.5% 1/10W
R622	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R623	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R627	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R628	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R629	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R630	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R631	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R632	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R633	1-216-295-91	s RES, CHIP 0
R634	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R635	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R636	1-216-081-00	s METAL, CHIP 22K 5% 1/10W

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R637	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R638	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R639	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R640	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R641	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R642	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R643	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R644	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R645	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R646	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R647	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R648	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R649	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R650	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R651	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R652	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R653	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R654	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R655	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R656	1-216-047-91	s METAL, CHIP 820 5% 1/10W
R657	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R658	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R659	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R660	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R661	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R662	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R663	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R664	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R665	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R666	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R667	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R668	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R669	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R670	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R671	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R673	1-216-295-91	s RES, CHIP 0
R675	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R676	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R677	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R678-682	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R683	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R684	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R685	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R686	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R687	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R688	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R689	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R690	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R691	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R692	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R693	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R694	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R695	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R696	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R697	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R698	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R699	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R701	1-216-025-91	s METAL, CHIP 100 5% 1/10W



(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R702	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R703	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R704	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R705	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R706	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R707	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R708	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R709	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R710	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R711	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R712	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R713	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R714	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R715	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R716	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R717	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R718	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R719	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R720	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R721	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R722	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R723	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R724	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R725	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R726	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R727	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R728	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R729	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R730	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R731	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R732	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R733-737	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R738	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R739	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R740	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R741	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R742	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R743	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R744	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R745	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R746	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R747	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R748	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R749	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R750	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R751	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
RV101	1-241-785-11	s RES, ADJ METAL 10k
RV102	1-241-785-11	s RES, ADJ METAL 10k
RV103	1-241-761-11	s RES, ADJ METAL 1k
RV201	1-241-763-11	s RES, ADJ METAL 4.7k
RV301	1-241-785-11	s RES, ADJ METAL 10k
RV302	1-241-785-11	s RES, ADJ METAL 10k
RV303	1-241-761-11	s RES, ADJ METAL 1k
RV401	1-241-764-11	s RES, ADJ METAL 10k
RV501	1-241-761-11	s RES, ADJ METAL 1k
RV502	1-241-761-11	s RES, ADJ METAL 1k
RV503	1-241-761-11	s RES, ADJ METAL 1k
RV504	1-241-761-11	s RES, ADJ METAL 1k

(VP-43P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
RV505	1-241-761-11	s RES, ADJ METAL 1k
RV506	1-241-758-11	s RES, ADJ METAL 100
RV601	1-241-787-11	s RES, ADJ METAL 47k
RV602	1-241-787-11	s RES, ADJ METAL 47k
RV603	1-241-783-11	s RES, ADJ METAL 2.2k
RV604	1-241-784-11	s RES, ADJ METAL 4.7k
RV605	1-241-784-11	s RES, ADJ METAL 4.7k
RV606	1-241-779-11	s RES, ADJ METAL 100
RV701	1-241-783-11	s RES, ADJ METAL 2.2k
RV702	1-241-783-11	s RES, ADJ METAL 2.2k
RV703	1-241-761-11	s RES, ADJ METAL 1k
RV704	1-241-761-11	s RES, ADJ METAL 1k
TH201	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH401	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH601	1-807-972-11	s THERMISTOR SV-1715 1.25k

VP-43A BOARD(UVW-1600)

Ref. No. or Q'ty	Part No.	SP Description
VP-43A board is used for UVW-1600(J,UC).		
lpc	A-8275-277-A	o MOUNTED CIRCUIT BOARD, VP-43A
lpc	3-182-386-02	o PLATE, SHIELD (L), CARD
lpc	7-621-759-45	s SCREW, +PSW2.6x6
lpc	3-179-084-01	s LEVER (R), PC BOARD
lpc	3-179-085-01	s LEVER (L), PC BOARD
C101	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C102	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C106	1-126-933-11	s ELECT 100uF 20% 16V
C107	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C108	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C109	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C110	1-163-249-11	s CERAMIC, CHIP 82pF 5% 50V
C111	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C112	1-124-903-11	s ELECT 1uF 20% 50V
C113	1-124-903-11	s ELECT 1uF 20% 50V
C114	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C115	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C119	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C120-127	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C121	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C122	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C123	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C124	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C125	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C126	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C127	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C128	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C129	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C130	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C131	1-126-933-11	s ELECT 100uF 20% 16V
C132	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C133	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C134	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C135-142	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C143	1-126-933-11	s ELECT 100uF 20% 16V
C144	1-126-933-11	s ELECT 100uF 20% 16V
C145	1-126-933-11	s ELECT 100uF 20% 16V
C146	1-126-933-11	s ELECT 100uF 20% 16V
C147	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C148	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C149	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C150	1-126-933-11	s ELECT 100uF 20% 16V
C201-212	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C213	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C214	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C215	1-126-925-11	s ELECT 470uF 20% 10V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C219	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C220	1-164-161-11	s CERAMIC, CHIP 0.002uF 10% 100V

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
C221	1-163-091-00	s CERAMIC, CHIP 8PF 50V
C222	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C223	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C224	1-126-925-11	s ELECT 470uF 20% 10V
C225	1-126-925-11	s ELECT 470uF 20% 10V
C226-230	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C231	1-126-925-11	s ELECT 470uF 20% 10V
C232	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C234	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C235	1-126-933-11	s ELECT 100uF 20% 16V
C236	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C237	1-126-963-11	s ELECT 4.7uF 20% 50V
C238	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C239	1-163-114-00	s CERAMIC, CHIP 75PF 5% 50V
C240	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C241	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C242	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C243	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C244	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C245	1-126-925-11	s ELECT 470uF 20% 10V
C246	1-126-933-11	s ELECT 100uF 20% 16V
C247	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C248	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C249	1-126-933-11	s ELECT 100uF 20% 16V
C250	1-126-933-11	s ELECT 100uF 20% 16V
C251	1-126-964-11	s ELECT 10uF 20% 50V
C253	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C301	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C302	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C303	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C304	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11	s ELECT 100uF 20% 16V
C306	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C307	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C308	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C309	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C310	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C311	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C312	1-124-903-11	s ELECT 1uF 20% 50V
C313	1-124-903-11	s ELECT 1uF 20% 50V
C314	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C315	1-163-135-00	s CERAMIC, CHIP 560PF 5% 50V
C316	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C322	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C323	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C324	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C325	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C326	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C327	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C330	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C331	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C332	1-126-933-11	s ELECT 100uF 20% 16V

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
C333	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C334	1-163-253-11	s CERAMIC, CHIP 120PF 5% 50V
C335-339	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C340	1-126-933-11	s ELECT 100uF 20% 16V
C341	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C342	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C343	1-126-933-11	s ELECT 100uF 20% 16V
C344	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C345	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C346	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C347	1-126-933-11	s ELECT 100uF 20% 16V
C348	1-126-933-11	s ELECT 100uF 20% 16V
C349	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C350	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C351	1-126-933-11	s ELECT 100uF 20% 16V
C401-408	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C409	1-126-925-11	s ELECT 470uF 20% 10V
C410	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C411	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C412	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C413	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C414	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C415	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C416	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C417	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C418	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C419	1-126-925-11	s ELECT 470uF 20% 10V
C420	1-126-925-11	s ELECT 470uF 20% 10V
C421-425	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C426	1-126-933-11	s ELECT 100uF 20% 16V
C427	1-126-925-11	s ELECT 470uF 20% 10V
C428	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C429	1-163-084-00	s CERAMIC, CHIP 1.5PF 50V
C430	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C431	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C432	1-126-963-11	s ELECT 4.7uF 20% 50V
C433	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C434	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C435	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C436	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C437	1-126-925-11	s ELECT 470uF 20% 10V
C438	1-126-933-11	s ELECT 100uF 20% 16V
C439	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C440	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C441	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C442	1-126-933-11	s ELECT 100uF 20% 16V
C443	1-126-933-11	s ELECT 100uF 20% 16V
C501	1-126-933-11	s ELECT 100uF 20% 16V
C502	1-126-933-11	s ELECT 100uF 20% 16V
C503	1-126-933-11	s ELECT 100uF 20% 16V
C504	1-126-933-11	s ELECT 100uF 20% 16V
C505-509	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C510	1-131-353-00	s TANTALUM 10uF 10% 35V
C511	1-131-353-00	s TANTALUM 10uF 10% 35V
C512	1-126-933-11	s ELECT 100uF 20% 16V
C513	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C514	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C515	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C516	1-130-491-00	s MYLAR 0.047uF 5% 50V

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
C517	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C519	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C520	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C521	1-163-253-11	s CERAMIC, CHIP 120PF 5% 50V
C522	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C523	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C524	1-126-933-11	s ELECT 100uF 20% 16V
C525-529	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C530	1-126-933-11	s ELECT 100uF 20% 16V
C531	1-163-224-11	s CERAMIC, CHIP 7PF 50V
C532	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C533	1-131-353-00	s TANTALUM 10uF 10% 35V
C534	1-131-353-00	s TANTALUM 10uF 10% 35V
C535	1-126-933-11	s ELECT 100uF 20% 16V
C536	1-130-491-00	s MYLAR 0.047uF 5% 50V
C537	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C538	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C539	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C540	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C541	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C542	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C543	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C544	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C545	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C546	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C547	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C548	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C549	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C550	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C551-555	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C556	1-126-925-11	s ELECT 470uF 20% 10V
C557	1-126-925-11	s ELECT 470uF 20% 10V
C558	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C559	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C600	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C601	1-126-933-11	s ELECT 100uF 20% 16V
C602	1-126-933-11	s ELECT 100uF 20% 16V
C603	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C604	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C605	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C606	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C607	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C608	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C609	1-163-118-00	s CERAMIC, CHIP 110PF 5% 50V
C610	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C611	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C614	1-126-933-11	s ELECT 100uF 20% 16V
C615	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C616	1-126-933-11	s ELECT 100uF 20% 16V
C617	1-126-933-11	s ELECT 100uF 20% 16V
C618	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C619	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C621	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C622	1-131-347-00	s TANTALUM 1uF 10% 35V
C623	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C624	1-131-347-00	s TANTALUM 1uF 10% 35V
C625	1-131-347-00	s TANTALUM 1uF 10% 35V

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
C626	1-131-347-00	s TANTALUM 1uF 10% 35V
C627	1-126-933-11	s ELECT 100uF 20% 16V
C628	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C629	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C630	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C631	1-130-491-00	s MYLAR 0.047uF 5% 50V
C632	1-130-491-00	s MYLAR 0.047uF 5% 50V
C633	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C634	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C635-645	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C646	1-126-933-11	s ELECT 100uF 20% 16V
C647	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C648	1-126-933-11	s ELECT 100uF 20% 16V
C649	1-126-933-11	s ELECT 100uF 20% 16V
C651	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C652	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C653	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C654	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C655	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C656	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C657	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C658	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C659	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C660	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C661	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C662	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C663	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C664	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C665	1-163-224-11	s CERAMIC, CHIP 7PF 50V
C667	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C668	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C669	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C670	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C671	1-126-933-11	s ELECT 100uF 20% 16V
C701	1-126-933-11	s ELECT 100uF 20% 16V
C702	1-126-933-11	s ELECT 100uF 20% 16V
C703	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C704	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C705	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C706	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C707	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C708	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C709	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C710	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C711	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C712	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C713	1-126-933-11	s ELECT 100uF 20% 16V
C714-719	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C720-724	1-126-933-11	s ELECT 100uF 20% 16V
C725	1-131-353-00	s TANTALUM 10uF 10% 35V
C726	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
CN103	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN104	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN105	1-506-491-11	s CONNECTOR 12P, MALE
D201	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D501	8-719-123-82	s DIODE 1SS303-T1
D502	8-719-941-04	s DIODE SB007-03CP

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
D503	8-719-021-31	s DIODE UZM5.1B
D504	8-719-123-82	s DIODE 1SS303-T1
D601	8-719-941-04	s DIODE SB007-03CP
DL101	1-415-154-00	s DELAY LINE 35nS
DL301	1-415-546-11	s DELAY LINE 50nS
FL201	1-239-770-11	s FILTER, LOW-PASS 4MHz
FL401	1-239-772-11	s FILTER, LOW-PASS 3MHz
FL601	1-239-771-11	s FILTER, LOW-PASS 6 MHz
IC101	8-752-052-75	s IC CXA1479Q
IC102	8-759-300-71	s IC HD14053BFP
IC103	8-759-908-92	s IC TL084CNS
IC104	8-759-702-08	s IC NJM360M
IC201	8-759-981-48	s IC NJM082M
IC202	8-752-052-48	s IC CXA1370Q
IC203	8-759-700-65	s IC NJM79L05A
IC204	1-810-333-11	s HIC BP-022
IC205	8-759-189-43	s IC AN77L05-TA
IC301	8-752-052-75	s IC CXA1479Q
IC302	8-759-300-71	s IC HD14053BFP
IC303	8-759-908-92	s IC TL084CNS
IC401	8-752-052-48	s IC CXA1370Q
IC402	8-759-700-65	s IC NJM79L05A
IC403	1-810-333-11	s HIC BP-022
IC404	8-759-189-43	s IC AN77L05-TA
IC501	8-759-927-46	s IC SN74HC00ANS
IC502	8-759-908-92	s IC TL084CNS
IC503	8-759-300-71	s IC HD14053BFP
IC504	8-759-168-20	s IC TA78L09S
IC505	8-759-700-65	s IC NJM79L05A
IC506	8-759-908-92	s IC TL084CNS
IC507	8-752-052-73	s IC CXA1451M
IC508	8-752-052-73	s IC CXA1451M
IC509	8-752-052-73	s IC CXA1451M
IC510	8-752-052-73	s IC CXA1451M
IC511	8-759-182-84	s IC PQ05SZ5U
IC512	8-759-822-95	s IC L79M05T-FA
IC601	8-759-907-81	s IC SN74LS221NS
IC602	8-759-927-46	s IC SN74HC00ANS
IC603	8-759-908-92	s IC TL084CNS
IC604	8-759-300-71	s IC HD14053BFP
IC605	8-759-908-92	s IC TL084CNS
IC606	8-752-054-80	s IC CXA1521M
IC607	8-752-054-80	s IC CXA1521M
IC608	8-759-168-20	s IC TA78L09S
IC609	8-759-906-59	s IC CX22017
IC610	8-759-700-65	s IC NJM79L05A
IC611	8-752-052-73	s IC CXA1451M
IC612	8-759-262-00	s IC MC14576CF
IC701	8-752-052-73	s IC CXA1451M
IC702	8-752-052-73	s IC CXA1451M
IC703	8-759-927-46	s IC SN74HC00ANS
IC704	8-759-925-74	s IC TC74HC04ANS
IC705	8-759-925-85	s IC SN74HC32ANS
L101	1-410-482-31	s INDUCTOR 100uH
L102	1-408-406-00	s INDUCTOR 5.6uH
L103	1-408-406-00	s INDUCTOR 5.6uH
L104	1-410-466-41	s INDUCTOR 4.7uH
L105	1-410-482-31	s INDUCTOR 100uH

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
L106	1-410-462-11	s INDUCTOR 2.2uH
L107	1-410-482-31	s INDUCTOR 100uH
L108	1-410-482-31	s INDUCTOR 100uH
L109	1-408-621-31	s INDUCTOR 330uH
L110	1-410-482-31	s INDUCTOR 100uH
L201	1-410-471-11	s INDUCTOR 12uH
L202	1-410-482-31	s INDUCTOR 100uH
L203	1-410-468-11	s INDUCTOR 6.8uH
L204	1-410-478-11	s INDUCTOR 47uH
L205	1-410-482-31	s INDUCTOR 100uH
L206	1-410-482-31	s INDUCTOR 100uH
L207	1-410-482-31	s INDUCTOR 100uH
L301	1-410-482-31	s INDUCTOR 100uH
L302	1-410-468-11	s INDUCTOR 6.8uH
L303	1-410-468-11	s INDUCTOR 6.8uH
L304	1-408-429-00	s INDUCTOR 470uH
L305	1-408-429-00	s INDUCTOR 470uH
L306	1-408-406-00	s INDUCTOR 5.6uH
L307	1-410-482-31	s INDUCTOR 100uH
L308	1-410-462-11	s INDUCTOR 2.2uH
L309	1-408-621-31	s INDUCTOR 330uH
L310	1-410-482-31	s INDUCTOR 100uH
L311	1-410-482-31	s INDUCTOR 100uH
L312	1-410-482-31	s INDUCTOR 100uH
L401	1-410-471-11	s INDUCTOR 12uH
L402	1-410-482-31	s INDUCTOR 100uH
L403	1-408-408-00	s INDUCTOR 8.2uH
L404	1-410-482-31	s INDUCTOR 100uH
L405	1-410-482-31	s INDUCTOR 100uH
L406	1-410-482-31	s INDUCTOR 100uH
L501	1-410-482-31	s INDUCTOR 100uH
L502	1-410-482-31	s INDUCTOR 100uH
L503	1-410-482-31	s INDUCTOR 100uH
L505	1-410-482-31	s INDUCTOR 100uH
L506	1-410-482-31	s INDUCTOR 100uH
L507	1-408-419-00	s INDUCTOR 68uH
L508	1-410-478-11	s INDUCTOR 47uH
L509	1-410-476-11	s INDUCTOR 33uH
L601-609	1-410-482-31	s INDUCTOR 100uH
L610	1-410-478-11	s INDUCTOR 47uH
L611	1-410-478-11	s INDUCTOR 47uH
L612	1-410-478-11	s INDUCTOR 47uH
L613	1-410-478-11	s INDUCTOR 47uH
L614	1-408-413-00	s INDUCTOR 22uH
L701	1-410-482-31	s INDUCTOR 100uH
L702	1-410-482-31	s INDUCTOR 100uH
L703	1-410-476-11	s INDUCTOR 33uH
L704	1-410-476-11	s INDUCTOR 33uH
L705	1-410-482-31	s INDUCTOR 100uH
L706-710	1-412-533-21	s INDUCTOR 47uH
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-72	s TRANSISTOR 2SC4178
Q103	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q104	8-729-117-72	s TRANSISTOR 2SC4178
Q105	8-729-117-72	s TRANSISTOR 2SC4178
Q106	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q107-111	8-729-117-72	s TRANSISTOR 2SC4178
Q112	8-729-905-18	s TRANSISTOR DTC144EU
Q201	8-729-117-72	s TRANSISTOR 2SC4178

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
Q202	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q203	8-729-117-72	s TRANSISTOR 2SC4178
Q204	8-729-117-72	s TRANSISTOR 2SC4178
Q206	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q207	8-729-117-72	s TRANSISTOR 2SC4178
Q208	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q209	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q210	8-729-117-72	s TRANSISTOR 2SC4178
Q212	8-729-117-72	s TRANSISTOR 2SC4178
Q215	8-729-117-72	s TRANSISTOR 2SC4178
Q216	8-729-905-12	s TRANSISTOR DTA144EU
Q217	8-729-117-72	s TRANSISTOR 2SC4178
Q218	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q219	8-729-117-72	s TRANSISTOR 2SC4178
Q220	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q301	8-729-117-32	s TRANSISTOR 2SC4177
Q302	8-729-117-72	s TRANSISTOR 2SC4178
Q303	8-729-117-72	s TRANSISTOR 2SC4178
Q304	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q305	8-729-117-72	s TRANSISTOR 2SC4178
Q306	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q307-311	8-729-117-72	s TRANSISTOR 2SC4178
Q401	8-729-117-72	s TRANSISTOR 2SC4178
Q402	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q403	8-729-117-72	s TRANSISTOR 2SC4178
Q404	8-729-117-72	s TRANSISTOR 2SC4178
Q405	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q406	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q407	8-729-117-72	s TRANSISTOR 2SC4178
Q408	8-729-117-72	s TRANSISTOR 2SC4178
Q409	8-729-117-72	s TRANSISTOR 2SC4178
Q410	8-729-117-72	s TRANSISTOR 2SC4178
Q411	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q416	8-729-905-12	s TRANSISTOR DTA144EU
Q417	8-729-117-72	s TRANSISTOR 2SC4178
Q418	8-729-143-07	s TRANSISTOR 2SA1610-YY33
Q501	8-729-117-32	s TRANSISTOR 2SC4177
Q502	8-729-923-06	s TRANSISTOR FMW8
Q503	8-729-904-04	s TRANSISTOR FMS2
Q504	8-729-903-82	s TRANSISTOR FMW2
Q505	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q506	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q507	8-729-931-46	s TRANSISTOR FMW7
Q508	8-729-907-26	s TRANSISTOR 1MX1
Q509	8-729-117-32	s TRANSISTOR 2SC4177
Q510	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q511	8-729-117-32	s TRANSISTOR 2SC4177
Q512	8-729-117-32	s TRANSISTOR 2SC4177
Q513	8-729-117-32	s TRANSISTOR 2SC4177
Q514	8-729-904-41	s TRANSISTOR FMY3
Q515	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q516	8-729-117-32	s TRANSISTOR 2SC4177
Q517	8-729-904-41	s TRANSISTOR FMY3
Q601	8-729-117-32	s TRANSISTOR 2SC4177
Q602	8-729-117-32	s TRANSISTOR 2SC4177
Q603	8-729-923-06	s TRANSISTOR FMW8
Q604	8-729-923-06	s TRANSISTOR FMW8
Q605	8-729-904-04	s TRANSISTOR FMS2
Q606	8-729-904-04	s TRANSISTOR FMS2

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
Q607	8-729-903-82	s TRANSISTOR FMW2
Q608	8-729-903-82	s TRANSISTOR FMW2
Q609	8-729-907-26	s TRANSISTOR IMX1
Q610	8-729-907-26	s TRANSISTOR IMX1
Q611	8-729-931-46	s TRANSISTOR FMW7
Q612	8-729-931-46	s TRANSISTOR FMW7
Q613	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q614	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q615	8-729-117-32	s TRANSISTOR 2SC4177
Q616	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q617-626	8-729-117-32	s TRANSISTOR 2SC4177
Q627	8-729-143-14	s TRANSISTOR 2SC4176-B35
Q628	8-729-117-32	s TRANSISTOR 2SC4177
Q701	8-729-117-32	s TRANSISTOR 2SC4177
Q702	8-729-117-32	s TRANSISTOR 2SC4177
Q703	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q705	8-729-117-32	s TRANSISTOR 2SC4177
Q706	8-729-117-32	s TRANSISTOR 2SC4177
Q707	8-729-117-32	s TRANSISTOR 2SC4177
Q708	8-729-117-32	s TRANSISTOR 2SC4177
Q709	8-729-422-44	s TRANSISTOR 2SK663
Q710	8-729-422-44	s TRANSISTOR 2SK663
Q711	8-729-422-44	s TRANSISTOR 2SK663
Q712	8-729-422-44	s TRANSISTOR 2SK663
Q713	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q714	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
R101	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R102	1-216-627-11	s METAL, CHIP 100 0.5% 1/10W
R103	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R104	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R105	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R106	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R107	1-216-295-91	s RES, CHIP 0
R108	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R109	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R110	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R111	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R112	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R113	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R114	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R115	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R116	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R117	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R118	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R119	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R120	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R121	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R122	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R123	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R124	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R126	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R127	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R128	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R129	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R130	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R131	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R132	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R133	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R134	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R135	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R136	1-208-822-11	s METAL, CHIP 47k 0.5% 1/10W
R137	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R138	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R139	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R140	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R141	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R142	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R143	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R144	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R145	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R146	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R147	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R148	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R149	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R150	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R151	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R152	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R153	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R154	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R155	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R156	1-216-035-00	s METAL, CHIP 270 5% 1/10W
R157	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R158	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R159	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R160	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R161	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R162	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R163	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R164	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R165	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R166	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R168	1-216-295-91	s RES, CHIP 0
R169	1-216-295-91	s RES, CHIP 0
R170	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R201	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R202	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R203	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R204	1-208-823-11	s METAL, CHIP 51k 0.5% 1/10W
R205	1-216-650-11	s METAL, CHIP 910 0.5% 1/10W
R206	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R207	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R208	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R209	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R210	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R211	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R212	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R213	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R214	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R215	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R216	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R217	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R218	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R220	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R221	1-216-025-91	s METAL, CHIP 100 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R222	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R223	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R224	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R227	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R228	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R229	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R230	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R232	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R233	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R237	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R240	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R241	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R244	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R245	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R246	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R247	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R248	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R249	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R250	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R251	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R253	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R255	1-216-652-11	s METAL, CHIP 1.1K 0.5% 1/10W
R256	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R257	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R258	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R259	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R260	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R262	1-216-685-11	s METAL, CHIP 27K 0.5% 1/10W
R263	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R264	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R265	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R266	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R267	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R268	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R269	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R270	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R271	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R272	1-208-751-11	s METAL, CHIP 51 0.5% 1/10W
R273	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R274	1-216-295-91	s RES, CHIP 0
R275	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R276	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R278	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R301	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R302	1-216-633-11	s METAL, CHIP 180 0.5% 1/10W
R303	1-216-629-11	s METAL, CHIP 120 0.5% 1/10W
R304	1-216-629-11	s METAL, CHIP 120 0.5% 1/10W
R305	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R306	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R308	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R309	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R310	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R311	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R312	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R313	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R314	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R315	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R316	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R317	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R318	1-216-638-11	s METAL, CHIP 300 0.5% 1/10W
R319	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R320	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R321	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R322	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R323	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R324	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R325	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R326	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R327	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R328	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R329	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R330	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R331	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R332	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R333	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R334	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R335	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R336	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R337	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R338	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R339	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R340	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R341	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R342	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R343	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R344	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R345	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R346	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R347	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R348	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R349	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R350	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R351	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R352	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R353	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R354	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R355	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R356	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R357	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R358	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R359	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R401	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R402	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R403	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R404	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R405	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R406	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R407	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R408	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R409	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R410	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R411	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R412	1-216-055-00	s METAL, CHIP 1.8K 5% 1/10W
R413	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R414	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R415	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R416	1-216-025-91	s METAL, CHIP 100 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP	Description
R417	1-216-055-00	s	METAL, CHIP 1.8K 5% 1/10W
R418	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R419	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R420	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R421	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R422	1-216-664-11	s	METAL, CHIP 3.6K 0.5% 1/10W
R423	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R424	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R425	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R426	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R427	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R428	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R429	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R440	1-216-665-11	s	METAL, CHIP 3.9K 0.5% 1/10W
R441	1-208-801-11	s	METAL, CHIP 6.2k 0.5% 1/10W
R442	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R443	1-216-113-00	s	METAL, CHIP 470K 5% 1/10W
R444	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W
R445	1-216-119-00	s	METAL, CHIP 820K 5% 1/10W
R446	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W
R447	1-208-814-11	s	METAL, CHIP 22k 0.5% 1/10W
R448	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R449	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R450	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R451	1-216-665-11	s	METAL, CHIP 3.9K 0.5% 1/10W
R452	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W
R453	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W
R454	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R455	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W
R456	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R457	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R458	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R459	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R460	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R461	1-208-751-11	s	METAL, CHIP 51 0.5% 1/10W
R462	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R463	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R464	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R501	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R502	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R503	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R506	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R507	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R508	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R509	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R510	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R511	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R512	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R513	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R514	1-216-065-00	s	METAL, CHIP 4.7K 5% 1/10W
R515	1-216-077-00	s	METAL, CHIP 15K 5% 1/10W
R516	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R517	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R518	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R519	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R520	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R521	1-216-017-91	s	METAL, CHIP 47 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP	Description
R522	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R523	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R524	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R525	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R526	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R527	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W
R528	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R529	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W
R530	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R531	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R532	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R533	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R534	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R535	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R536	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R537	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R538	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R539	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R540	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R541	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R542	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R544	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R545	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R546	1-216-113-00	s	METAL, CHIP 470K 5% 1/10W
R547	1-216-053-00	s	METAL, CHIP 1.5K 5% 1/10W
R548	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R549	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R550	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R551	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R552	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R553	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R554	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R555	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R556	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R557	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R558	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R559	1-216-053-00	s	METAL, CHIP 1.5K 5% 1/10W
R560	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R561	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R562	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R563	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R564	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W
R565	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R566	1-216-073-00	s	METAL, CHIP 10K 5% 1/10W
R567	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R568-572	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R573	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R574	1-216-081-00	s	METAL, CHIP 22K 5% 1/10W
R575	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R576	1-216-057-00	s	METAL, CHIP 2.2K 5% 1/10W
R600	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R601	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R602	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R603	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R604	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R606	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R607	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R608	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R609	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R610	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R611	1-216-033-00	s METAL, CHIP 220 5% 1/10W
R612	1-208-799-11	s METAL, CHIP 5.1k 0.5% 1/10W
R613	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R614	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R615	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R616	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R617	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R618	1-216-017-91	s METAL, CHIP 47 5% 1/10W
R619	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R620	1-216-027-00	s METAL, CHIP 120 5% 1/10W
R621	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R622	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R623	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R626	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R627	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R628	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R629	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R630	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R631	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R632	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R633	1-216-295-91	s RES, CHIP 0
R634	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R635	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R636	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R637	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R638	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R639	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R640	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R641	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R642	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R643	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R644	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R645	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R646	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R647	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R648	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R649	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R650	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R651	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R652	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R653	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R654	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R655	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R656	1-216-047-91	s METAL, CHIP 820 5% 1/10W
R657	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R658	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R659	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R660	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R661	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R662	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R663	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R664	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R665	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R666	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R667	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R668	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R669	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R670	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R671	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R673	1-216-295-91	s RES, CHIP 0
R675	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R676	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R677	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R678-682	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R683	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R684	1-216-647-11	s METAL, CHIP 680 0.5% 1/10W
R686	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R687	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R688	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R689	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R690	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R691	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R692	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R693	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R694	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R695	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R696	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R697	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R698	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R699	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R701	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R702	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R703	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R704	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R705	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R706	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R707	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R708	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R709	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R710	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R711	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R712	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R713	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R714	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R715	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R716	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R717	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R718	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R719	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R720	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R721	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R722	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R723	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R724	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R725	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R726	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R727	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R728	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R729	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R730	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R731	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R732	1-216-624-11	s METAL, CHIP 75 0.5% 1/10W
R733-737	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R738	1-216-049-91	s METAL, CHIP 1k 5% 1/10W

(VP-43A BOARD(UVW-1600))

Ref. No. or Q'ty	Part No.	SP Description
R739	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R740	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R741	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R742	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R743	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R744	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R745	1-216-113-00	s METAL, CHIP 470K 5% 1/10W
R746	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R747	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R748	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R749	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R750	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R751	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
RV101	1-241-785-11	s RES, ADJ METAL 10k
RV102	1-241-785-11	s RES, ADJ METAL 10k
RV103	1-241-761-11	s RES, ADJ METAL 1k
RV201	1-241-763-11	s RES, ADJ METAL 4.7k
RV301	1-241-785-11	s RES, ADJ METAL 10k
RV302	1-241-785-11	s RES, ADJ METAL 10k
RV303	1-241-761-11	s RES, ADJ METAL 1k
RV401	1-241-764-11	s RES, ADJ METAL 10k
RV501	1-241-761-11	s RES, ADJ METAL 1k
RV502	1-241-761-11	s RES, ADJ METAL 1k
RV503	1-241-761-11	s RES, ADJ METAL 1k
RV504	1-241-761-11	s RES, ADJ METAL 1k
RV505	1-241-761-11	s RES, ADJ METAL 1k
RV506	1-241-758-11	s RES, ADJ METAL 100
RV601	1-241-787-11	s RES, ADJ METAL 47k
RV602	1-241-787-11	s RES, ADJ METAL 47k
RV603	1-241-783-11	s RES, ADJ METAL 2.2k
RV604	1-241-784-11	s RES, ADJ METAL 4.7k
RV605	1-241-784-11	s RES, ADJ METAL 4.7k
RV606	1-241-779-11	s RES, ADJ METAL 100
RV701	1-241-783-11	s RES, ADJ METAL 2.2k
RV702	1-241-783-11	s RES, ADJ METAL 2.2k
RV703	1-241-761-11	s RES, ADJ METAL 1k
RV704	1-241-761-11	s RES, ADJ METAL 1k
TH201	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH401	1-807-972-11	s THERMISTOR SV-1715 1.25k
TH601	1-807-972-11	s THERMISTOR SV-1715 1.25k

VP-43AP BOARD(UVW-1600P)

Ref. No.
or Q'ty Part No. SP Description

VP-43AP board is used for UVW-1600P(EK).

lpc	A-8275-464-A	o MOUNTED CIRCUIT BOARD, VP-43AP
lpc	3-182-386-02	o PLATE, SHIELD (L), CARD
lpc	7-621-759-45	s SCREW, +PSW2.6x6
lpc	3-179-084-01	s LEVER (R), PC BOARD
lpc	3-179-085-01	s LEVER (L), PC BOARD
C101	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C102	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C103	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C106	1-126-933-11	s ELECT 100uF 20% 16V
C107	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C108	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C109	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C110	1-163-249-11	s CERAMIC, CHIP 82pF 5% 50V
C111	1-163-108-00	s CERAMIC, CHIP 43PF 5% 50V
C112	1-124-903-11	s ELECT 1uF 20% 50V
C113	1-124-903-11	s ELECT 1uF 20% 50V
C114	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C115	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C116	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-163-245-11	s CERAMIC, CHIP 56PF 5% 50V
C119	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C120-127	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C128	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C129	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C130	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C131	1-126-933-11	s ELECT 100uF 20% 16V
C132	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C133	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C134-142	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C143	1-126-933-11	s ELECT 100uF 20% 16V
C144	1-126-933-11	s ELECT 100uF 20% 16V
C145	1-126-933-11	s ELECT 100uF 20% 16V
C146	1-126-933-11	s ELECT 100uF 20% 16V
C147	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C148	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C149	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C150	1-126-933-11	s ELECT 100uF 20% 16V
C151	1-163-229-11	s CERAMIC, CHIP 12PF 5% 50V
C201-212	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C213	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C214	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C215	1-126-925-11	s ELECT 470uF 20% 10V
C216	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C219	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C220	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C221	1-163-091-00	s CERAMIC, CHIP 8PF 50V
C222	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C223	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C224	1-126-925-11	s ELECT 470uF 20% 10V
C225	1-126-925-11	s ELECT 470uF 20% 10V
C226-230	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C231	1-126-925-11	s ELECT 470uF 20% 10V



(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C232	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C234	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C235	1-126-933-11	s ELECT 100uF 20% 16V
C236	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C237	1-126-963-11	s ELECT 4.7uF 20% 50V
C238	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C239	1-163-114-00	s CERAMIC, CHIP 75PF 5% 50V
C240	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C241	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C242	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C243	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C244	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C245	1-126-925-11	s ELECT 470uF 20% 10V
C246	1-126-933-11	s ELECT 100uF 20% 16V
C247	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C248	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C249	1-126-933-11	s ELECT 100uF 20% 16V
C250	1-126-933-11	s ELECT 100uF 20% 16V
C251	1-126-964-11	s ELECT 10uF 20% 50V
C252	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C253	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C301	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C302	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C303	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C304	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11	s ELECT 100uF 20% 16V
C306	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C307	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C308	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C309	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C310	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C311	1-163-110-00	s CERAMIC, CHIP 51PF 5% 50V
C312	1-124-903-11	s ELECT 1uF 20% 50V
C313	1-124-903-11	s ELECT 1uF 20% 50V
C314	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C315	1-163-135-00	s CERAMIC, CHIP 560PF 5% 50V
C316	1-163-257-11	s CERAMIC, CHIP 180PF 5% 50V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C320	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C321	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C322	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C323	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C324	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C325	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C326	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C327	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C330	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C331	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C332	1-126-933-11	s ELECT 100uF 20% 16V
C333	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C334	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C335-339	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C340	1-126-933-11	s ELECT 100uF 20% 16V
C341	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C342	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C343	1-126-933-11	s ELECT 100uF 20% 16V
C344	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C345	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C346	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C347	1-126-933-11	s ELECT 100uF 20% 16V
C348	1-126-933-11	s ELECT 100uF 20% 16V
C349	1-163-241-11	s CERAMIC, CHIP 39PF 5% 50V
C350	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C351	1-126-933-11	s ELECT 100uF 20% 16V
C401-408	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C409	1-126-925-11	s ELECT 470uF 20% 10V
C410	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C411	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C412	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C413	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C414	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C415	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C416	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C417	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C418	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C419	1-126-925-11	s ELECT 470uF 20% 10V
C420	1-126-925-11	s ELECT 470uF 20% 10V
C421-425	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C426	1-126-933-11	s ELECT 100uF 20% 16V
C427	1-126-925-11	s ELECT 470uF 20% 10V
C428	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C429	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C430	1-107-552-11	s MICA, CHIP 150pF 1% 50V
C431	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C432	1-126-963-11	s ELECT 4.7uF 20% 50V
C433	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C434	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C435	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C436	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C437	1-126-925-11	s ELECT 470uF 20% 10V
C438	1-126-933-11	s ELECT 100uF 20% 16V
C439	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C440	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C441	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C442	1-126-933-11	s ELECT 100uF 20% 16V
C443	1-126-933-11	s ELECT 100uF 20% 16V
C501	1-126-933-11	s ELECT 100uF 20% 16V
C502	1-126-933-11	s ELECT 100uF 20% 16V
C503	1-126-933-11	s ELECT 100uF 20% 16V
C504	1-126-933-11	s ELECT 100uF 20% 16V
C505-509	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C510	1-131-353-00	s TANTALUM 10uF 10% 35V
C511	1-131-353-00	s TANTALUM 10uF 10% 35V
C512	1-126-933-11	s ELECT 100uF 20% 16V
C513	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C514	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C515	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C516	1-130-491-00	s MYLAR 0.047uF 5% 50V
C517	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C519	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C520	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C521	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C522	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C523	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C524	1-126-933-11	s ELECT 100uF 20% 16V
C525-529	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C530	1-126-933-11	s ELECT 100uF 20% 16V
C531	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C532	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C533	1-131-353-00	s TANTALUM 10uF 10% 35V
C534	1-131-353-00	s TANTALUM 10uF 10% 35V
C535	1-126-933-11	s ELECT 100uF 20% 16V
C536	1-130-491-00	s MYLAR 0.047uF 5% 50V
C537	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C538	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C539	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C540	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C541	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C542	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C543	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C544	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C545	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C546	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C547	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C548	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C549	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C550	1-163-222-11	s CERAMIC, CHIP 5PF 50V
C551-555	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C556	1-126-925-11	s ELECT 470uF 20% 10V
C557	1-126-925-11	s ELECT 470uF 20% 10V
C558	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C559	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C600	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C601	1-126-933-11	s ELECT 100uF 20% 16V
C602	1-126-933-11	s ELECT 100uF 20% 16V
C603	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C604	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C605	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C606	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C607	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C608	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C609	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C610	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C611	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C614	1-126-933-11	s ELECT 100uF 20% 16V
C615	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C616	1-126-933-11	s ELECT 100uF 20% 16V
C617	1-126-933-11	s ELECT 100uF 20% 16V
C618	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C619	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C621	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C622	1-131-347-00	s TANTALUM 1uF 10% 35V
C623	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C624	1-131-347-00	s TANTALUM 1uF 10% 35V
C625	1-131-347-00	s TANTALUM 1uF 10% 35V
C626	1-131-347-00	s TANTALUM 1uF 10% 35V
C627	1-126-933-11	s ELECT 100uF 20% 16V
C628	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C629	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C630	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C631	1-130-491-00	s MYLAR 0.047uF 5% 50V

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
C632	1-130-491-00	s MYLAR 0.047uF 5% 50V
C633	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C634	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C635-645	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C646	1-126-933-11	s ELECT 100uF 20% 16V
C647	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C648	1-126-933-11	s ELECT 100uF 20% 16V
C649	1-126-933-11	s ELECT 100uF 20% 16V
C651	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C652	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C653	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C654	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C655	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C656	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C657	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C658	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C659	1-163-113-00	s CERAMIC, CHIP 68PF 5% 50V
C660	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C661	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C662	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C663	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C664	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C665	1-163-087-00	s CERAMIC, CHIP 4PF 50V
C666	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C667	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C668	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C669	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C670	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C671	1-126-933-11	s ELECT 100uF 20% 16V
C701	1-126-933-11	s ELECT 100uF 20% 16V
C702	1-126-933-11	s ELECT 100uF 20% 16V
C703	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C704	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C705	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C706	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C707	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C708	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C709	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C710	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C711	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C712	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C713	1-126-933-11	s ELECT 100uF 20% 16V
C714-719	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C720-724	1-126-933-11	s ELECT 100uF 20% 16V
C725	1-131-353-00	s TANTALUM 10uF 10% 35V
C726	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
CN103	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN104	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN105	1-506-491-11	s CONNECTOR 12P, MALE
D201	8-719-123-82	s DIODE 1SS303-T1
D401	8-719-123-82	s DIODE 1SS303-T1
D501	8-719-123-82	s DIODE 1SS303-T1
D502	8-719-941-04	s DIODE SB007-03CP
D503	8-719-021-31	s DIODE UZM5.1B
D504	8-719-123-82	s DIODE 1SS303-T1
D601	8-719-941-04	s DIODE SB007-03CP
DL101	1-415-674-11	s DELAY LINE

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
DL301	1-415-546-11 s	DELAY LINE 50nS
FL201	1-239-819-11 s	FILTER, LOW-PASS
FL401	1-239-772-11 s	FILTER, LOW-PASS 3MHz
FL601	1-239-771-11 s	FILTER, LOW-PASS 6MHz
IC101	8-752-052-75 s	IC CXA1479Q
IC102	8-759-300-71 s	IC HD14053BFP
IC103	8-759-908-92 s	IC TL084CNS
IC104	8-759-702-08 s	IC NJM360M
IC201	8-759-981-48 s	IC NJM082M
IC202	8-752-052-48 s	IC CXA1370Q
IC203	8-759-700-65 s	IC NJM79L05A
IC204	1-810-333-11 s	HIC BP-022
IC205	8-759-189-43 s	IC AN77L05-TA
IC301	8-752-052-75 s	IC CXA1479Q
IC302	8-759-300-71 s	IC HD14053BFP
IC303	8-759-908-92 s	IC TL084CNS
IC401	8-752-052-48 s	IC CXA1370Q
IC402	8-759-700-65 s	IC NJM79L05A
IC403	1-810-333-11 s	HIC BP-022
IC404	8-759-189-43 s	IC AN77L05-TA
IC501	8-759-927-46 s	IC SN74HC00ANS
IC502	8-759-908-92 s	IC TL084CNS
IC503	8-759-300-71 s	IC HD14053BFP
IC504	8-759-168-20 s	IC TA78L09S
IC505	8-759-700-65 s	IC NJM79L05A
IC506	8-759-908-92 s	IC TL084CNS
IC507	8-752-052-73 s	IC CXA1451M
IC508	8-752-052-73 s	IC CXA1451M
IC509	8-752-052-73 s	IC CXA1451M
IC510	8-752-052-73 s	IC CXA1451M
IC511	8-759-182-84 s	IC PQ05S25U
IC512	8-759-822-95 s	IC L79M05T-FA
IC601	8-759-907-81 s	IC SN74LS221NS
IC602	8-759-927-46 s	IC SN74HC00ANS
IC603	8-759-908-92 s	IC TL084CNS
IC604	8-759-300-71 s	IC HD14053BFP
IC605	8-759-908-92 s	IC TL084CNS
IC606	8-752-054-80 s	IC CXA1521M
IC607	8-752-054-80 s	IC CXA1521M
IC608	8-759-168-20 s	IC TA78L09S
IC609	8-759-906-59 s	IC CX22017
IC610	8-759-700-65 s	IC NJM79L05A
IC611	8-752-052-73 s	IC CXA1451M
IC612	8-759-262-00 s	IC MC14576CF
IC701	8-752-052-73 s	IC CXA1451M
IC702	8-752-052-73 s	IC CXA1451M
IC703	8-759-927-46 s	IC SN74HC00ANS
IC704	8-759-925-74 s	IC TC74HC04ANS
IC705	8-759-925-85 s	IC SN74HC32ANS
L101	1-410-482-31 s	INDUCTOR 100uH
L102	1-410-466-41 s	INDUCTOR 4.7uH
L103	1-410-466-41 s	INDUCTOR 4.7uH
L104	1-410-466-41 s	INDUCTOR 4.7uH
L105	1-410-482-31 s	INDUCTOR 100uH
L106	1-410-462-11 s	INDUCTOR 2.2uH
L107	1-410-482-31 s	INDUCTOR 100uH
L108	1-410-482-31 s	INDUCTOR 100uH
L109	1-408-621-31 s	INDUCTOR 330uH

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
L110	1-410-482-31 s	INDUCTOR 100uH
L111	1-410-466-41 s	INDUCTOR 4.7uH
L201	1-410-471-11 s	INDUCTOR 12uH
L202	1-410-482-31 s	INDUCTOR 100uH
L203	1-410-468-11 s	INDUCTOR 6.8uH
L204	1-410-476-11 s	INDUCTOR 33uH
L205	1-410-482-31 s	INDUCTOR 100uH
L206	1-410-482-31 s	INDUCTOR 100uH
L207	1-410-482-31 s	INDUCTOR 100uH
L208	1-408-617-31 s	INDUCTOR 150uH
L301	1-410-482-31 s	INDUCTOR 100uH
L302	1-410-468-11 s	INDUCTOR 6.8uH
L303	1-410-468-11 s	INDUCTOR 6.8uH
L304	1-408-429-00 s	INDUCTOR 470uH
L305	1-408-429-00 s	INDUCTOR 470uH
L306	1-408-406-00 s	INDUCTOR 5.6uH
L307	1-410-482-31 s	INDUCTOR 100uH
L308	1-410-462-11 s	INDUCTOR 2.2uH
L309	1-408-621-31 s	INDUCTOR 330uH
L310	1-410-482-31 s	INDUCTOR 100uH
L311	1-410-482-31 s	INDUCTOR 100uH
L312	1-410-482-31 s	INDUCTOR 100uH
L401	1-410-471-11 s	INDUCTOR 12uH
L402	1-410-482-31 s	INDUCTOR 100uH
L403	1-408-408-00 s	INDUCTOR 8.2uH
L404	1-410-482-31 s	INDUCTOR 100uH
L405	1-410-482-31 s	INDUCTOR 100uH
L406	1-410-482-31 s	INDUCTOR 100uH
L501	1-410-482-31 s	INDUCTOR 100uH
L502	1-410-482-31 s	INDUCTOR 100uH
L503	1-410-482-31 s	INDUCTOR 100uH
L505	1-410-482-31 s	INDUCTOR 100uH
L506	1-410-482-31 s	INDUCTOR 100uH
L507	1-410-482-31 s	INDUCTOR 100uH
L508	1-410-478-11 s	INDUCTOR 47uH
L509	1-410-476-11 s	INDUCTOR 33uH
L601-609	1-410-482-31 s	INDUCTOR 100uH
L610	1-408-414-00 s	INDUCTOR 27uH
L611	1-408-414-00 s	INDUCTOR 27uH
L612	1-408-414-00 s	INDUCTOR 27uH
L613	1-408-414-00 s	INDUCTOR 27uH
L614	1-408-413-00 s	INDUCTOR 22uH
L615	1-408-413-00 s	INDUCTOR 22uH
L701	1-410-482-31 s	INDUCTOR 100uH
L702	1-410-482-31 s	INDUCTOR 100uH
L703	1-410-476-11 s	INDUCTOR 33uH
L704	1-410-476-11 s	INDUCTOR 33uH
L705	1-410-482-31 s	INDUCTOR 100uH
L706-710	1-412-533-21 s	INDUCTOR 47uH
Q101	8-729-117-32 s	TRANSISTOR 2SC4177
Q102	8-729-117-72 s	TRANSISTOR 2SC4178
Q103	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q104	8-729-117-72 s	TRANSISTOR 2SC4178
Q105	8-729-117-72 s	TRANSISTOR 2SC4178
Q106	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q107-111	8-729-117-72 s	TRANSISTOR 2SC4178
Q112	8-729-905-18 s	TRANSISTOR DTC144EU
Q201	8-729-117-72 s	TRANSISTOR 2SC4178
Q202	8-729-143-07 s	TRANSISTOR 2SA1610-YY33

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
Q203	8-729-117-72 s	TRANSISTOR 2SC4178
Q204	8-729-117-72 s	TRANSISTOR 2SC4178
Q206	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q207	8-729-117-72 s	TRANSISTOR 2SC4178
Q208	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q209	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q210	8-729-117-72 s	TRANSISTOR 2SC4178
Q212	8-729-117-72 s	TRANSISTOR 2SC4178
Q215	8-729-117-72 s	TRANSISTOR 2SC4178
Q216	8-729-905-12 s	TRANSISTOR DTA144EU
Q217	8-729-117-72 s	TRANSISTOR 2SC4178
Q218	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q219	8-729-117-72 s	TRANSISTOR 2SC4178
Q220	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q301	8-729-117-32 s	TRANSISTOR 2SC4177
Q302	8-729-117-72 s	TRANSISTOR 2SC4178
Q303	8-729-117-72 s	TRANSISTOR 2SC4178
Q304	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q305	8-729-117-72 s	TRANSISTOR 2SC4178
Q306	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q307-311	8-729-117-72 s	TRANSISTOR 2SC4178
Q401	8-729-117-72 s	TRANSISTOR 2SC4178
Q402	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q403	8-729-117-72 s	TRANSISTOR 2SC4178
Q404	8-729-117-72 s	TRANSISTOR 2SC4178
Q405	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q406	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q407	8-729-117-72 s	TRANSISTOR 2SC4178
Q408	8-729-117-72 s	TRANSISTOR 2SC4178
Q409	8-729-117-72 s	TRANSISTOR 2SC4178
Q410	8-729-117-72 s	TRANSISTOR 2SC4178
Q411	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q416	8-729-905-12 s	TRANSISTOR DTA144EU
Q417	8-729-117-72 s	TRANSISTOR 2SC4178
Q418	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q501	8-729-117-32 s	TRANSISTOR 2SC4177
Q502	8-729-923-06 s	TRANSISTOR FMW8
Q503	8-729-904-04 s	TRANSISTOR FMS2
Q504	8-729-903-82 s	TRANSISTOR FMW2
Q505	8-729-143-14 s	TRANSISTOR 2SC4176-B35
Q506	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q507	8-729-931-46 s	TRANSISTOR FMW7
Q508	8-729-907-26 s	TRANSISTOR IMX1
Q509	8-729-117-32 s	TRANSISTOR 2SC4177
Q510	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q511	8-729-117-32 s	TRANSISTOR 2SC4177
Q512	8-729-117-32 s	TRANSISTOR 2SC4177
Q513	8-729-117-32 s	TRANSISTOR 2SC4177
Q514	8-729-904-41 s	TRANSISTOR FMY3
Q515	8-729-143-14 s	TRANSISTOR 2SC4176-B35
Q516	8-729-117-32 s	TRANSISTOR 2SC4177
Q517	8-729-904-41 s	TRANSISTOR FMY3
Q601	8-729-117-32 s	TRANSISTOR 2SC4177
Q602	8-729-117-32 s	TRANSISTOR 2SC4177
Q603	8-729-923-06 s	TRANSISTOR FMW8
Q604	8-729-923-06 s	TRANSISTOR FMW8
Q605	8-729-904-04 s	TRANSISTOR FMS2
Q606	8-729-904-04 s	TRANSISTOR FMS2
Q607	8-729-903-82 s	TRANSISTOR FMW2

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
Q608	8-729-903-82 s	TRANSISTOR FMW2
Q609	8-729-907-26 s	TRANSISTOR IMX1
Q610	8-729-907-26 s	TRANSISTOR IMX1
Q611	8-729-931-46 s	TRANSISTOR FMW7
Q612	8-729-931-46 s	TRANSISTOR FMW7
Q613	8-729-143-14 s	TRANSISTOR 2SC4176-B35
Q614	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q615	8-729-117-32 s	TRANSISTOR 2SC4177
Q616	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q617-626	8-729-117-32 s	TRANSISTOR 2SC4177
Q627	8-729-143-14 s	TRANSISTOR 2SC4176-B35
Q628	8-729-117-32 s	TRANSISTOR 2SC4177
Q701	8-729-117-32 s	TRANSISTOR 2SC4177
Q702	8-729-117-32 s	TRANSISTOR 2SC4177
Q703	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q705	8-729-117-32 s	TRANSISTOR 2SC4177
Q706	8-729-117-32 s	TRANSISTOR 2SC4177
Q707	8-729-117-32 s	TRANSISTOR 2SC4177
Q708	8-729-117-32 s	TRANSISTOR 2SC4177
Q709	8-729-422-44 s	TRANSISTOR 2SK663
Q710	8-729-422-44 s	TRANSISTOR 2SK663
Q711	8-729-422-44 s	TRANSISTOR 2SK663
Q712	8-729-422-44 s	TRANSISTOR 2SK663
Q713	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q714	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
R101	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R102	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R103	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R104	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R105	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R106	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R108	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R109	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R110	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R111	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R112	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R113	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R114	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R115	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R116	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R117	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R118	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R119	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R120	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R121	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R122	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R123	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R124	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R126	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R127	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R128	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R129	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R130	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R131	1-208-775-11 s	METAL, CHIP 510 0.5% 1/10W
R132	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R133	1-216-041-00 s	METAL, CHIP 470 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R134	1-216-645-11 s	METAL, CHIP 560 0.5% 1/10W
R135	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R136	1-208-822-11 s	METAL, CHIP 47k 0.5% 1/10W
R137	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R138	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R139	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R140	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R141	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R142	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R143	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R144	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R145	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R146	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R147	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R148	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R149	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R150	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R151	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R152	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R153	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R154	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R155	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R156	1-216-035-00 s	METAL, CHIP 270 5% 1/10W
R157	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R158	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R159	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R160	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R161	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R162	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R163	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R164	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R165	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R166	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R167	1-216-295-91 s	RES, CHIP 0
R168	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R169	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R170	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R201	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R202	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R203	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R204	1-216-695-11 s	METAL, CHIP 68K 0.5% 1/10W
R205	1-216-650-11 s	METAL, CHIP 910 0.5% 1/10W
R206	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R207	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R208	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R209	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R210	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R211	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R212	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R213	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R214	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R215	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R216	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R217	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R218	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R219	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R220	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R221	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R222	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R223	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R224	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R227	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R228	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R229	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R230	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R232	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R233	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R237	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R240	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R241	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R244	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R245	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R246	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R247	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R248	1-208-799-11 s	METAL, CHIP 5.1k 0.5% 1/10W
R249	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R250	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R251	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R253	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R254	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R255	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R256	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R257	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R258	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R259	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R260	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R261	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R262	1-216-685-11 s	METAL, CHIP 27K 0.5% 1/10W
R263	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R264	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R265	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R266	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R267	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R268	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R269	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R270	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R271	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R272	1-208-751-11 s	METAL, CHIP 51 0.5% 1/10W
R273	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R274	1-216-295-91 s	RES, CHIP 0
R275	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R276	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R277	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R278	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R301	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R302	1-216-625-11 s	METAL, CHIP 82 0.5% 1/10W
R303	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R304	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R305	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R306	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R308	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R309	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R310	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R311	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R312	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R313	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R314	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R315	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R316	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R317	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R318	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R319	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R320	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R321	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R322	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R323	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R324	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R325	1-208-775-11 s	METAL, CHIP 510 0.5% 1/10W
R326	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R327	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R328	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R329	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R330	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R331	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R332	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R333	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R334	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R335	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R336	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R337	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R338	1-216-057-00 s	METAL, CHIP 330 5% 1/10W
R339	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R340	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R341	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R342	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R343	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R344	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R345	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R346	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R347	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R348	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R349	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R350	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R351	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R352	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R353	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R354	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R355	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R356	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R357	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R358	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R359	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R401	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R402	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R403	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R404	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R405	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R406	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R407	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R408	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R409	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R410	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R411	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R412	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R413	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R414	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R415	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R416	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R417	1-216-055-00 s	METAL, CHIP 1.8K 5% 1/10W
R418	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R419	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R420	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R421	1-216-649-11 s	METAL, CHIP 820 0.5% 1/10W
R422	1-216-664-11 s	METAL, CHIP 3.6K 0.5% 1/10W
R423	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R424	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R425	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R426	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R427	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R428	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R429	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R440	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R441	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R442	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R443	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R444	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R446	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R447	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R448	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R449	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R450	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R451	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R452	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R453	1-216-689-11 s	METAL, CHIP 39K 0.5% 1/10W
R454	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R455	1-216-685-11 s	METAL, CHIP 27K 0.5% 1/10W
R456	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R457	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R458	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R459	1-216-638-11 s	METAL, CHIP 300 0.5% 1/10W
R460	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R461	1-208-751-11 s	METAL, CHIP 51 0.5% 1/10W
R462	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R463	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R464	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R501	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R502	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R503	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R506	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R507	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R508	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R509	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R510	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R511	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R512	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R513	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R514	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R515	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R516	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R517	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R518	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R519	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R520	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R521	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R522	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R523	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R524	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R525	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R526	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R527	1-216-647-11 s	METAL, CHIP 680 0.5% 1/10W
R528	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R529	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R530	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R531	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R532	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R533	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R534	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R535	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R536	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R537	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R538	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R539	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R540	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R541	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R542	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R543	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R544	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R545	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R546	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R547	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R548	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R549	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R550	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R551	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R552	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R553	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R554	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R555	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R556	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R557	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R558	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R559	1-216-053-00 s	METAL, CHIP 1.5K 5% 1/10W
R560	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R561	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R562	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R563	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R564	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R565	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R566	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R567	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R568-572	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R573	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R574	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R575	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R576	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R600	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R601	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R602	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R603	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R604	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R606	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R607	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R608	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R609	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R610	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R611	1-216-033-00 s	METAL, CHIP 220 5% 1/10W
R612	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R613	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R614	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R615	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R616	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R617	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R618	1-216-017-91 s	METAL, CHIP 47 5% 1/10W
R619	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R620	1-216-027-00 s	METAL, CHIP 120 5% 1/10W
R621	1-216-682-11 s	METAL, CHIP 20K 0.5% 1/10W
R622	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R623	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R626	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R627	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R628	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R629	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R630	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R631	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R632	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R633	1-216-295-91 s	RES, CHIP 0
R634	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R635	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R636	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R637	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R638	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R639	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R640	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R641	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R642	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R643	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R644	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R645	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R646	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R647	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R648	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R649	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R650	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R651	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R652	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R653	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R654	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R655	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R656	1-216-047-91 s	METAL, CHIP 820 5% 1/10W
R657	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R658	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R659	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R660	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R661	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R662	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R663	1-216-077-00 s	METAL, CHIP 15K 5% 1/10W
R664	1-216-079-00 s	METAL, CHIP 18K 5% 1/10W
R665	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R666	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R667	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R668	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R669	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R670	1-216-666-11 s	METAL, CHIP 4.3K 0.5% 1/10W
R671	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R673	1-216-295-91 s	RES, CHIP 0
R675	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R676	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R677	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R678-682	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R683	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R684	1-216-647-11 s	METAL, CHIP 680 0.5% 1/10W
R685	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R686	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R687	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R688	1-216-045-00 s	METAL, CHIP 680 5% 1/10W
R689	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R690	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R691	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R692	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R693	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R694	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R695	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R696	1-216-095-00 s	METAL, CHIP 82K 5% 1/10W
R697	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R698	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R699	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R701	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R702	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R703	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R704	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R705	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R706	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R707	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R708	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R709	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R710	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R711	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R712	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R713	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R714	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R715	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R716	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R717	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R718	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R719	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R720	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R721	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R722	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R723	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R724	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R725	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R726	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R727	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R728	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R729	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R730	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R731	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W
R732	1-216-624-11 s	METAL, CHIP 75 0.5% 1/10W

(VP-43AP BOARD(UVW-1600P))

Ref. No. or Q'ty	Part No.	SP Description
R733-737	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R738	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R739	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R740	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R741	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R742	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R743	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R744	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R745	1-216-113-00 s	METAL, CHIP 470K 5% 1/10W
R746	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R747	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R748	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R749	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R750	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R751	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
RV101	1-241-785-11 s	RES, ADJ METAL 10k
RV102	1-241-785-11 s	RES, ADJ METAL 10k
RV103	1-241-761-11 s	RES, ADJ METAL 1k
RV201	1-241-763-11 s	RES, ADJ METAL 4.7k
RV301	1-241-785-11 s	RES, ADJ METAL 10k
RV302	1-241-785-11 s	RES, ADJ METAL 10k
RV303	1-241-761-11 s	RES, ADJ METAL 1k
RV401	1-241-764-11 s	RES, ADJ METAL 10k
RV501	1-241-761-11 s	RES, ADJ METAL 1k
RV502	1-241-761-11 s	RES, ADJ METAL 1k
RV503	1-241-761-11 s	RES, ADJ METAL 1k
RV504	1-241-761-11 s	RES, ADJ METAL 1k
RV505	1-241-761-11 s	RES, ADJ METAL 1k
RV506	1-241-758-11 s	RES, ADJ METAL 100
RV601	1-241-787-11 s	RES, ADJ METAL 47k
RV602	1-241-787-11 s	RES, ADJ METAL 47k
RV603	1-241-783-11 s	RES, ADJ METAL 2.2k
RV604	1-241-784-11 s	RES, ADJ METAL 4.7k
RV605	1-241-784-11 s	RES, ADJ METAL 4.7k
RV606	1-241-779-11 s	RES, ADJ METAL 100
RV701	1-241-783-11 s	RES, ADJ METAL 2.2k
RV702	1-241-783-11 s	RES, ADJ METAL 2.2k
RV703	1-241-761-11 s	RES, ADJ METAL 1k
RV704	1-241-761-11 s	RES, ADJ METAL 1k
TH201	1-807-972-11 s	THERMISTOR SV-1715 1.25k
TH401	1-807-972-11 s	THERMISTOR SV-1715 1.25k
TH601	1-807-972-11 s	THERMISTOR SV-1715 1.25k

VR-155 BOARD

Ref. No. or Q'ty	Part No.	SP Description
lpc	1-648-916-11 o	PRINTED CIRCUIT BOARD, VR-155
CN402	1-564-005-11 o	CONNECTOR 6P, MALE
RV1	1-237-790-21 s	RES, VAR CARBON 10K
RV2	1-237-790-21 s	RES, VAR CARBON 10K

VRA-5 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

VRA-5 board is used for UVW-1800(J,UC).

1pc	A-8275-280-A	o MOUNTED CIRCUIT BOARD, VRA-5
1pc	3-182-386-02	o PLATE, SHIELD (L), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	8-752-936-77	s IC CXA1179N
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C101, 102	1-126-933-11	s ELECT 100uF 20% 16V
C103, 104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106, 107	1-126-925-11	s ELECT 470uF 20% 10V
C108	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C109	1-126-925-11	s ELECT 470uF 20% 10V
C110	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C111	1-131-347-00	s TANTALUM 1uF 10% 35V
C112	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C113	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C114	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C115	1-126-933-11	s ELECT 100uF 20% 16V
C116	1-126-933-11	s ELECT 100uF 20% 16V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C119	1-126-933-11	s ELECT 100uF 20% 16V
C121	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C122	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C123	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C124	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C125	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C126	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C127	1-126-933-11	s ELECT 100uF 20% 16V
C128	1-131-381-00	s TANTALUM 47uF 10% 10V
C129	1-131-381-00	s TANTALUM 47uF 10% 10V
C130	1-131-353-00	s TANTALUM 10uF 10% 35V
C131	1-131-381-00	s TANTALUM 47uF 10% 10V
C132	1-131-381-00	s TANTALUM 47uF 10% 10V
C133	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C134	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C135	1-131-353-00	s TANTALUM 10uF 10% 35V
C136	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C137	1-126-933-11	s ELECT 100uF 20% 16V
C138	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C140	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C141	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C142	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C143	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C144	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C145	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C146	1-126-933-11	s ELECT 100uF 20% 16V
C147	1-126-933-11	s ELECT 100uF 20% 16V
C148	1-126-933-11	s ELECT 100uF 20% 16V
C200	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C201	1-163-229-11	s CERAMIC, CHIP 12PF 5% 50V
C202	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C203	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V
C204	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C205	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C206	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V

(VRA-5 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

C207	1-126-933-11	s ELECT 100uF 20% 16V
C208	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C209	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C210	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C211	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C217	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C218	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V
C219	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C220	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C221	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C222	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C223	1-126-925-11	s ELECT 470uF 20% 10V
C224	1-126-925-11	s ELECT 470uF 20% 10V
C225-234	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C238	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C239	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C240	1-126-933-11	s ELECT 100uF 20% 16V
C241-251	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C252	1-126-933-11	s ELECT 100uF 20% 16V
C253-258	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C259	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C260	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C261	1-126-933-11	s ELECT 100uF 20% 16V
C262	1-126-933-11	s ELECT 100uF 20% 16V
C263	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C264	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C265	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C267	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C268	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C269	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C270	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V
C271	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C301	1-126-933-11	s ELECT 100uF 20% 16V
C302	1-126-933-11	s ELECT 100uF 20% 16V
C303	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C304	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11	s ELECT 100uF 20% 16V
C306	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C307	1-163-249-11	s CERAMIC, CHIP 82pF 5% 50V
C308	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C309	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C310	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C311	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V
C312	1-131-353-00	s TANTALUM 10uF 10% 35V
C313	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C314	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C316	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C317	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C319	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C320	1-126-933-11	s ELECT 100uF 20% 16V
C321	1-126-933-11	s ELECT 100uF 20% 16V
C322	1-126-933-11	s ELECT 100uF 20% 16V
C323	1-163-239-11	s CERAMIC, CHIP 33PF 5% 50V
C324	1-163-263-11	s CERAMIC, CHIP 330PF 5% 50V
C325	1-163-121-00	s CERAMIC, CHIP 150PF 5% 50V
C326	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C327	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C328	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C329	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C330	1-126-933-11 s	ELECT 100uF 20% 16V
C331	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C332	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C333	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C334	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C335	1-126-933-11 s	ELECT 100uF 20% 16V
C336	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C337	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C338	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C339	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C340	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C341	1-126-933-11 s	ELECT 100uF 20% 16V
C342	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C343	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C344	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C345	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C346	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C349	1-163-239-11 s	CERAMIC, CHIP 33PF 5% 50V
C350	1-126-933-11 s	ELECT 100uF 20% 16V
C351	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C352	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C353	1-126-933-11 s	ELECT 100uF 20% 16V
C354	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C355	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C356	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C357	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C358	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C359	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C360	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C361	1-163-241-11 s	CERAMIC, CHIP 39PF 5% 50V
C362	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C363	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C364	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C365	1-126-933-11 s	ELECT 100uF 20% 16V
C366	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C367	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C368	1-126-933-11 s	ELECT 100uF 20% 16V
C369	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C370	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C371	1-126-933-11 s	ELECT 100uF 20% 16V
C372	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C373	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C374	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C375	1-163-220-11 s	CERAMIC, CHIP 3PF 50V
C376	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C377	1-126-933-11 s	ELECT 100uF 20% 16V
C378	1-126-933-11 s	ELECT 100uF 20% 16V
C379	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C380	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C381	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C382	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C383	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C384	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C385	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C386	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C387	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C388	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C389	1-126-933-11 s	ELECT 100uF 20% 16V
C390	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C391	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C392	1-163-089-00 s	CERAMIC, CHIP 6PF 50V
C393	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C394	1-163-113-00 s	CERAMIC, CHIP 68PF 5% 50V
C395	1-126-933-11 s	ELECT 100uF 20% 16V
C396	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C397	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C398	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C399	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C501	1-126-933-11 s	ELECT 100uF 20% 16V
C502	1-126-933-11 s	ELECT 100uF 20% 16V
C503	1-126-933-11 s	ELECT 100uF 20% 16V
C504	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C505	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C506	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C507	1-163-257-11 s	CERAMIC, CHIP 180PF 5% 50V
C508	1-126-933-11 s	ELECT 100uF 20% 16V
C509	1-126-933-11 s	ELECT 100uF 20% 16V
C510	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C511	1-104-923-11 s	MICA, CHIP 180pF 0.25% 50V
C513	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C514	1-163-239-11 s	CERAMIC, CHIP 33PF 5% 50V
C515	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C516	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C517	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C519	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C520	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C521	1-131-353-00 s	TANTALUM 10uF 10% 35V
C522	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C523	1-126-933-11 s	ELECT 100uF 20% 16V
C524	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C525	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C527	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C528	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C529	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C530	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C531	1-164-161-11 s	CERAMIC, CHIP 0.0022uF 10% 100V
C603	1-126-933-11 s	ELECT 100uF 20% 16V
C604	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C605	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C606	1-163-099-00 s	CERAMIC, CHIP 18PF 5% 50V
C607	1-163-125-00 s	CERAMIC, CHIP 220PF 5% 50V
C608	1-126-933-11 s	ELECT 100uF 20% 16V
C609	1-126-933-11 s	ELECT 100uF 20% 16V
C610	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C611	1-104-923-11 s	MICA, CHIP 180pF 0.25% 50V
C613	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C614	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C615	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C616	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C617	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C618	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C619	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V



(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
C621	1-131-353-00	s TANTALUM 10uF 10% 35V
C622	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C623	1-163-139-00	s CERAMIC, CHIP 820PF 5% 50V
C624	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C625	1-126-933-11	s ELECT 100uF 20% 16V
C626	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C627	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C628	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C631	1-126-933-11	s ELECT 100uF 20% 16V
C632	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C801	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C802	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C803	1-126-933-11	s ELECT 100uF 20% 16V
C804	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C805	1-163-125-00	s CERAMIC, CHIP 220PF 5% 50V
C806	1-131-347-00	s TANTALUM 1uF 10% 35V
C807	1-131-347-00	s TANTALUM 1uF 10% 35V
C808	1-163-275-11	s CERAMIC, CHIP 0.001uF 5% 50V
C809	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C810	1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
C811	1-131-347-00	s TANTALUM 1uF 10% 35V
C812	1-131-353-00	s TANTALUM 10uF 10% 35V
C813	1-126-933-11	s ELECT 100uF 20% 16V
C814	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C815	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C816	1-131-347-00	s TANTALUM 1uF 10% 35V
C901	1-126-933-11	s ELECT 100uF 20% 16V
C902	1-126-933-11	s ELECT 100uF 20% 16V
C903	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C904	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C905	1-126-933-11	s ELECT 100uF 20% 16V
C906	1-126-933-11	s ELECT 100uF 20% 16V
C907	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C908	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C909	1-126-933-11	s ELECT 100uF 20% 16V
C910	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C911	1-126-933-11	s ELECT 100uF 20% 16V
C912	1-126-933-11	s ELECT 100uF 20% 16V
C913	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C914	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C915	1-126-933-11	s ELECT 100uF 20% 16V
C916	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C917	1-126-933-11	s ELECT 100uF 20% 16V
C918	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
CN101	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CN102	1-573-782-21	o CONNECTOR, PHEC 60P, MALE
CV301	1-141-442-91	s CAP, TRIMMER 20pF
D101, 102	8-719-941-23	s DIODE DA204U
D109	8-719-123-82	s DIODE 1SS303-T1
D202	8-719-123-82	s DIODE 1SS303-T1
D301	8-719-041-39	s DIODE KV1470
D303	8-719-821-39	s DIODE 1SV160
D305	8-713-300-88	s DIODE 1T33C-01
D306	8-719-941-23	s DIODE DA204U
D801	8-719-941-23	s DIODE DA204U
FB201	1-543-309-21	s BEAD, FERRITE

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
FL101	1-239-769-11	s FILTER, LOW-PASS 5MHz
FL102	1-239-313-11	s FILTER, LOW-PASS 2MHz
FL103	1-239-313-11	s FILTER, LOW-PASS 2MHz
FL201	1-239-769-11	s FILTER, LOW-PASS 5MHz
FL202	1-239-801-11	s FILTER, LOW-PASS 4MHz
IC101	8-759-300-71	s IC HD14053BFP
IC102	8-759-300-71	s IC HD14053BFP
IC103	8-759-908-92	s IC TL084CNS
IC104	8-759-925-76	s IC SN74HC08ANS
IC201	8-759-925-90	s IC SN74HC74ANS
IC202	8-759-300-71	s IC HD14053BFP
IC203	8-759-927-46	s IC SN74HC00ANS
IC205	8-759-085-99	s IC MB40568PF-G-BND
IC206	8-759-085-99	s IC MB40568PF-G-BND
IC207	8-759-035-93	s IC TC7S32F-TE85L
IC208	8-759-147-02	s IC UPD42101C-3
IC209	8-759-147-02	s IC UPD42101C-3
IC210	8-759-513-76	s IC CXD8161AQ
IC211	8-759-031-84	s IC TC7S04F
IC212	8-752-329-28	s IC CXD1151Q
IC213	8-752-363-43	s IC CXD1171M-1-TH
IC214	8-752-363-43	s IC CXD1171M-1-TH
IC215	8-759-300-71	s IC HD14053BFP
IC216	8-759-907-81	s IC SN74LS221NS
IC217	8-759-008-31	s IC MC74HC4002F
IC218	8-759-925-85	s IC SN74HC32ANS
IC219	8-759-234-20	s IC TC7S08F
IC220	8-759-300-71	s IC HD14053BFP
IC301	8-759-008-67	s IC MC14066BF
IC302	8-752-339-04	s IC CXD2208Q
IC303	8-759-908-92	s IC TL084CNS
IC304	8-759-906-53	s IC TL062CPS
IC305	8-759-031-84	s IC TC7S04F
IC306	8-759-908-92	s IC TL084CNS
IC307	8-759-031-84	s IC TC7S04F
IC308	8-759-906-53	s IC TL062CPS
IC309	8-759-300-71	s IC HD14053BFP
IC310	8-759-520-55	s IC CXD8243AM
IC311	8-759-008-67	s IC MC14066BF
IC312	8-759-907-81	s IC SN74LS221NS
IC313	8-759-239-58	s IC TC74HC221AF
IC314	8-759-009-06	s IC MC14052BF
IC315	8-759-908-15	s IC TL431CLP
IC316	8-759-908-15	s IC TL431CLP
IC317	8-759-031-84	s IC TC7S04F
IC501	1-810-334-11	s HIC BP-023
IC502	8-759-908-15	s IC TL431CLP
IC601	1-810-334-11	s HIC BP-023
IC602	8-759-908-15	s IC TL431CLP
IC801	8-752-064-20	s IC CXA1727Q
IC802	8-752-356-06	s IC CXD2122AQ
IC901	8-759-182-84	s IC PQ05SZ5U
IC902	8-759-822-95	s IC L79M05T-FA
IC903	8-759-182-84	s IC PQ05SZ5U
IC904	8-759-172-41	s IC L78M09T-TL
L101-105	1-410-482-31	s INDUCTOR 100uH
L107	1-410-482-31	s INDUCTOR 100uH
L201	1-408-413-00	s INDUCTOR 22uH
L202	1-408-413-00	s INDUCTOR 22uH

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
L203	1-408-419-00	s	INDUCTOR 68uH
L204	1-408-413-00	s	INDUCTOR 22uH
L205	1-410-462-11	s	INDUCTOR 2.2uH
L206	1-410-462-11	s	INDUCTOR 2.2uH
L207	1-410-482-31	s	INDUCTOR 100uH
L208	1-410-482-31	s	INDUCTOR 100uH
L301	1-410-482-31	s	INDUCTOR 100uH
L302	1-410-464-11	s	INDUCTOR 3.3uH
L303	1-410-478-11	s	INDUCTOR 47uH
L304	1-410-476-11	s	INDUCTOR 33uH
L305	1-408-406-00	s	INDUCTOR 5.6uH
L306-314	1-410-482-31	s	INDUCTOR 100uH
L315	1-410-470-11	s	INDUCTOR 10uH
L316	1-410-473-11	s	INDUCTOR 18uH
L317	1-408-416-00	s	INDUCTOR 39uH
L501	1-410-482-31	s	INDUCTOR 100uH
L502	1-410-482-31	s	INDUCTOR 100uH
L503	1-408-419-00	s	INDUCTOR 68uH
L505	1-410-464-11	s	INDUCTOR 3.3uH
L506	1-410-482-31	s	INDUCTOR 100uH
L507	1-410-478-11	s	INDUCTOR 47uH
L603	1-408-420-00	s	INDUCTOR 82uH
L605	1-410-464-11	s	INDUCTOR 3.3uH
L606	1-410-482-31	s	INDUCTOR 100uH
L607	1-408-425-00	s	INDUCTOR 220uH
L608	1-410-482-31	s	INDUCTOR 100uH
L801	1-410-482-31	s	INDUCTOR 100uH
L901-905	1-412-533-21	s	INDUCTOR 47uH
LV301	1-406-745-11	s	INDUCTOR, VAR 6.8uH
Q101	8-729-117-32	s	TRANSISTOR 2SC4177
Q102	8-729-117-32	s	TRANSISTOR 2SC4177
Q103	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q104	8-729-904-41	s	TRANSISTOR FMY3
Q105	8-729-117-32	s	TRANSISTOR 2SC4177
Q106	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q107	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q108	8-729-117-32	s	TRANSISTOR 2SC4177
Q109	8-729-117-32	s	TRANSISTOR 2SC4177
Q110	8-729-117-32	s	TRANSISTOR 2SC4177
Q111	8-729-117-32	s	TRANSISTOR 2SC4177
Q112	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q113	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q114	8-729-117-32	s	TRANSISTOR 2SC4177
Q115	8-729-117-32	s	TRANSISTOR 2SC4177
Q116	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q117-122	8-729-117-32	s	TRANSISTOR 2SC4177
Q123	8-729-422-44	s	TRANSISTOR 2SK663
Q124	8-729-422-44	s	TRANSISTOR 2SK663
Q125	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q126	8-729-117-32	s	TRANSISTOR 2SC4177
Q127	8-729-117-32	s	TRANSISTOR 2SC4177
Q128	8-729-117-32	s	TRANSISTOR 2SC4177
Q129	8-729-117-32	s	TRANSISTOR 2SC4177
Q130	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q131	8-729-117-32	s	TRANSISTOR 2SC4177
Q132	8-729-117-32	s	TRANSISTOR 2SC4177
Q133	8-729-117-32	s	TRANSISTOR 2SC4177
Q201	8-729-117-32	s	TRANSISTOR 2SC4177

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP	Description
Q202	8-729-905-12	s	TRANSISTOR DTA144EU
Q203	8-729-905-18	s	TRANSISTOR DTC144EU
Q204	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q207	8-729-117-32	s	TRANSISTOR 2SC4177
Q209	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q210	8-729-117-32	s	TRANSISTOR 2SC4177
Q211	8-729-117-32	s	TRANSISTOR 2SC4177
Q212	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q213	8-729-117-32	s	TRANSISTOR 2SC4177
Q301	8-729-117-32	s	TRANSISTOR 2SC4177
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q305	8-729-117-32	s	TRANSISTOR 2SC4177
Q306	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q307	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q308	8-729-905-18	s	TRANSISTOR DTC144EU
Q309	8-729-905-18	s	TRANSISTOR DTC144EU
Q310	8-729-117-32	s	TRANSISTOR 2SC4177
Q311	8-729-117-32	s	TRANSISTOR 2SC4177
Q312	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q313	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q314	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q315	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q316	8-729-905-18	s	TRANSISTOR DTC144EU
Q317	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q318	8-729-117-32	s	TRANSISTOR 2SC4177
Q319	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q320	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q321	8-729-117-32	s	TRANSISTOR 2SC4177
Q322	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q323	8-729-143-07	s	TRANSISTOR 2SA1610-YY33
Q324	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q325	8-729-140-47	s	TRANSISTOR 2SC3735-B34
Q508-512	8-729-117-32	s	TRANSISTOR 2SC4177
Q513	8-729-117-72	s	TRANSISTOR 2SC4178
Q514	8-729-117-72	s	TRANSISTOR 2SC4178
Q515	8-729-117-32	s	TRANSISTOR 2SC4177
Q516	8-729-117-72	s	TRANSISTOR 2SC4178
Q517	8-729-117-72	s	TRANSISTOR 2SC4178
Q518	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q519	8-729-117-72	s	TRANSISTOR 2SC4178
Q520	8-729-117-72	s	TRANSISTOR 2SC4178
Q601	8-729-117-32	s	TRANSISTOR 2SC4177
Q602	8-729-117-32	s	TRANSISTOR 2SC4177
Q603	8-729-117-32	s	TRANSISTOR 2SC4177
Q604-610	8-729-117-72	s	TRANSISTOR 2SC4178
Q801	8-729-117-32	s	TRANSISTOR 2SC4177
Q802	8-729-117-32	s	TRANSISTOR 2SC4177
Q803	8-729-117-32	s	TRANSISTOR 2SC4177
Q804	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R100	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R101	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R102	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R103	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R104	1-216-651-11	s	METAL, CHIP 1K 0.5% 1/10W
R105	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R106	1-216-013-00	s	METAL, CHIP 33 5% 1/10W
R107	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R108	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R109	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R110	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R111	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R114	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R115	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R116	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R117	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R118	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R119	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R120	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R121	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R122	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R123	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R124	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R126	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R127	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R128	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R129	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R130	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R131	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R132	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R133	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R134	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R135	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R136	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R137	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R138	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R139	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R140	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R141	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R142	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R143	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R144	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R145	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R146	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R147	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R148	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R149	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R150	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R151	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R152	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R153	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R154	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R155	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R156	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R157	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R158	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R159	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R160	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R161	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R162	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R163	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R164	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R165	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R166	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R167	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R168	1-216-037-00 s	METAL, CHIP 330 5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R169	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R170	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R171	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R172	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R173	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R174	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R175	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R176	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R177	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R178	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R179	1-216-295-91 s	RES, CHIP 0
R180	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R181	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R182	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R183	1-216-295-91 s	RES, CHIP 0
R184	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R185	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R186	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R187	1-216-295-91 s	RES, CHIP 0
R188	1-216-618-11 s	METAL, CHIP 43 0.50% 1/10W
R190	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R193	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R200	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R201	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R202	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R203	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R204	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R205	1-216-631-11 s	METAL, CHIP 150 0.5% 1/10W
R206	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R207	1-216-631-11 s	METAL, CHIP 150 0.5% 1/10W
R208	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R209	1-216-619-11 s	METAL, CHIP 47 0.5% 1/10W
R210	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R211	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R212	1-216-009-00 s	METAL, CHIP 22 5% 1/10W
R213	1-216-295-91 s	RES, CHIP 0
R216	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R217	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R220	1-218-764-11 s	METAL, CHIP 330K 0.5% 1/10W
R223	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R224	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R225	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R226	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R227	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R228	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R229	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R230	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R231	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R232	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R233	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R234	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R236	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R238	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R239	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R241	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R242	1-216-696-11 s	METAL, CHIP 75K 0.5% 1/10W
R243	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R244	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R245	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R246	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R247	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R248	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R249	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R250	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R251	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R252	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R253	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R254	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R255	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R256	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R257	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R258	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R259	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R261	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R262	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R263	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R265	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R266	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R268	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R269	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R270	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R272-279	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R280	1-216-695-11 s	METAL, CHIP 68K 0.5% 1/10W
R301	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R302	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R303	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R304	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R305	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R306	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R307	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R308	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R309	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R311	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R312	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R313	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R314	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R315	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R316	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R317	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R318	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R319	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R320	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R321	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R322	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R323	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R324	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R325	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R326	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R327	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R328	1-208-800-11 s	METAL, CHIP 5.6k 0.5% 1/10W
R329	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R330	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R331	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R332	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R333	1-216-117-00 s	METAL, CHIP 680K 5% 1/10W
R334	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R335	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R336	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R338	1-216-089-91 s	METAL, CHIP 47k 5% 1/10W
R339	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R340	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R341	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R342	1-218-760-11 s	METAL, CHIP 220K 0.5% 1/10W
R343	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R344	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R345	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R346	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R347	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R348	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R349	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R350	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R351	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R352	1-208-801-11 s	METAL, CHIP 6.2k 0.5% 1/10W
R353	1-216-634-11 s	METAL, CHIP 200 0.5% 1/10W
R354	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R355	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R356	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R357	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R358	1-216-117-00 s	METAL, CHIP 680K 5% 1/10W
R359	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R360	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R361	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R362	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R363	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R364	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R365	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R367	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R368	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R369	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R370	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R371	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R372	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R375	1-208-812-11 s	METAL, CHIP 18k 0.5% 1/10W
R376	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R377	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R378	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R379	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R380	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R381	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R382	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R383	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R384	1-216-673-11 s	METAL, CHIP 8.2K 0.5% 1/10W
R385	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R386	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R387	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R388	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R389	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R390	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R391	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R392	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R393	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R394	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R395	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R397	1-216-295-91 s	RES, CHIP 0
R399	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R400	1-208-789-11 s	METAL, CHIP 2k 0.5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R401	1-208-784-11 s	METAL, CHIP 1.2k 0.5% 1/10W
R402	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R403	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R404	1-216-671-11 s	METAL, CHIP 6.8K 0.5% 1/10W
R405	1-208-817-11 s	METAL, CHIP 30k 0.5% 1/10W
R406	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R407	1-216-133-00 s	METAL, CHIP 3.3M 5% 1/10W
R408	1-216-295-91 s	RES, CHIP 0
R501	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R502	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R503	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R504	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R505	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R506	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R507	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R508	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R509	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R510	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R511	1-216-615-11 s	METAL, CHIP 33 0.5% 1/10W
R512	1-218-184-11 s	METAL, CHIP 997 0.1% 1/16W
R514	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R515	1-216-699-11 s	METAL, CHIP 100K 0.5% 1/10W
R516	1-218-922-11 s	METAL, CHIP 3.26K 0.1% 1/16W
R517	1-216-604-11 s	METAL, CHIP 11 0.5% 1/10W
R518	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R519	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R520	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R521	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R522	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R523	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R524	1-216-295-91 s	RES, CHIP 0
R525	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R526	1-216-682-11 s	METAL, CHIP 20K 0.5% 1/10W
R527	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R528	1-216-295-91 s	RES, CHIP 0
R529	1-216-295-91 s	RES, CHIP 0
R530	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R531	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R532	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R533	1-208-774-11 s	METAL, CHIP 470 0.5% 1/10W
R534	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R535	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R536	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R537	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R538	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R539	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R540	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R541	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R542	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R543	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R544	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R545	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R546	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R547	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R548	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R549	1-216-295-91 s	RES, CHIP 0
R550	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R551	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R552	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W

(VRA-5 BOARD(UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R553	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R554	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R555	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R556	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R557	1-216-677-11 s	METAL, CHIP 12K 0.5% 1/10W
R558	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R559	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R560	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R561	1-216-665-11 s	METAL, CHIP 3.9K 0.5% 1/10W
R562	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R563	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R564	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R565	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R601	1-216-085-00 s	METAL, CHIP 33K 5% 1/10W
R602	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R603	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R604	1-216-051-00 s	METAL, CHIP 1.2K 5% 1/10W
R605	1-216-663-11 s	METAL, CHIP 3.3K 0.5% 1/10W
R606	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R607	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R608	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R609	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R610	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R611	1-216-659-11 s	METAL, CHIP 2.2K 0.5% 1/10W
R612	1-216-611-11 s	METAL, CHIP 22 0.5% 1/10W
R613	1-218-184-11 s	METAL, CHIP 997 0.1% 1/16W
R614	1-208-806-11 s	METAL, CHIP 10k 0.5% 1/10W
R615	1-216-635-11 s	METAL, CHIP 220 0.5% 1/10W
R617	1-218-922-11 s	METAL, CHIP 3.26K 0.1% 1/16W
R618	1-216-603-11 s	METAL, CHIP 10 0.5% 1/10W
R619	1-216-661-11 s	METAL, CHIP 2.7K 0.5% 1/10W
R620	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R621	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R622	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R623	1-216-655-11 s	METAL, CHIP 1.5K 0.5% 1/10W
R624	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R625	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R626	1-216-295-91 s	RES, CHIP 0
R627	1-216-682-11 s	METAL, CHIP 20K 0.5% 1/10W
R628	1-208-810-11 s	METAL, CHIP 15k 0.5% 1/10W
R629	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R630	1-216-295-91 s	RES, CHIP 0
R631	1-216-687-11 s	METAL, CHIP 33K 0.5% 1/10W
R632	1-216-648-11 s	METAL, CHIP 750 0.5% 1/10W
R633	1-216-667-11 s	METAL, CHIP 4.7K 0.5% 1/10W
R634	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R635	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R636	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R637	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R638	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R639	1-208-775-11 s	METAL, CHIP 510 0.5% 1/10W
R640	1-216-646-11 s	METAL, CHIP 620 0.5% 1/10W
R641	1-208-775-11 s	METAL, CHIP 510 0.5% 1/10W
R642	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R643	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R644	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R645	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R646	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R647	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W

(VRA-5 BOARD (UVW-1800))

Ref. No. or Q'ty	Part No.	SP Description
R648	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R649	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R650	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R651	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R652	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R653	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R654	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R655	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R656	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R657	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R658	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R801	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R802	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R803	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R804	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R805	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R806	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R807	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R808	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R809	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R810	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R811	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R812	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R813	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R814	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R815	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R816	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R817	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R818	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
RV101	1-241-760-21	s RES, ADJ METAL 470
RV102	1-241-760-21	s RES, ADJ METAL 470
RV103	1-241-762-11	s RES, ADJ METAL 2.2k
RV104	1-241-760-21	s RES, ADJ METAL 470
RV105	1-241-759-21	s RES, ADJ METAL 220
RV201	1-241-784-11	s RES, ADJ METAL 4.7k
RV202	1-241-785-11	s RES, ADJ METAL 10k
RV203	1-241-785-11	s RES, ADJ METAL 10k
RV301	1-241-762-11	s RES, ADJ METAL 2.2k
RV302	1-241-785-11	s RES, ADJ METAL 10k
RV303	1-241-784-11	s RES, ADJ METAL 4.7k
RV304	1-241-784-11	s RES, ADJ METAL 4.7k
RV305	1-241-784-11	s RES, ADJ METAL 4.7k
RV306	1-241-762-11	s RES, ADJ METAL 2.2k
RV501	1-241-761-11	s RES, ADJ METAL 1k
RV502	1-241-762-11	s RES, ADJ METAL 2.2k
RV503	1-241-762-11	s RES, ADJ METAL 2.2k
RV602	1-241-763-11	s RES, ADJ METAL 4.7k
RV603	1-241-763-11	s RES, ADJ METAL 4.7k
S201	1-571-275-31	s SWITCH, SLIDE
TH201	1-807-972-11	s THERMISTOR SV-1715 1.25k
X301	1-527-722-00	s CRYSTAL 14.31818MHz
X302	1-760-109-21	s CRYSTAL 10.738635MHz

VRA-5P BOARD (UVW-1800P)

Ref. No. or Q'ty	Part No.	SP Description
VRA-5P board is used for UVW-1800P(EK).		
1pc	A-8275-467-A	o MOUNTED CIRCUIT BOARD, VRA-5P
1pc	3-182-386-02	o PLATE, SHIELD (L), CARD
1pc	7-621-759-45	s SCREW, +PSW2.6x6
1pc	8-752-036-77	s IC CXA1179N
1pc	3-179-084-01	s LEVER (R), PC BOARD
1pc	3-179-085-01	s LEVER (L), PC BOARD
C101	1-126-933-11	s ELECT 100uF 20% 16V
C102	1-126-933-11	s ELECT 100uF 20% 16V
C103	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C104	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C105	1-164-004-11	s CERAMIC, CHIP 0.1uF 10% 25V
C106	1-126-925-11	s ELECT 470uF 20% 10V
C107	1-126-925-11	s ELECT 470uF 20% 10V
C108	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C109	1-126-925-11	s ELECT 470uF 20% 10V
C110	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C111	1-131-347-00	s TANTALUM 1uF 10% 35V
C112	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C113	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C114	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C115	1-126-933-11	s ELECT 100uF 20% 16V
C116	1-126-933-11	s ELECT 100uF 20% 16V
C117	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C118	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C119	1-126-933-11	s ELECT 100uF 20% 16V
C121	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C122	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C123	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C124	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C125	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C126	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C127	1-126-933-11	s ELECT 100uF 20% 16V
C128	1-131-381-00	s TANTALUM 47uF 10% 10V
C129	1-131-381-00	s TANTALUM 47uF 10% 10V
C130	1-131-353-00	s TANTALUM 10uF 10% 35V
C131	1-131-381-00	s TANTALUM 47uF 10% 10V
C132	1-131-381-00	s TANTALUM 47uF 10% 10V
C133	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C134	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C135	1-131-353-00	s TANTALUM 10uF 10% 35V
C136	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C137	1-126-933-11	s ELECT 100uF 20% 16V
C138	1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C140	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C141	1-163-231-11	s CERAMIC, CHIP 15pF 5% 50V
C142	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C143	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C144	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C145	1-163-235-11	s CERAMIC, CHIP 22PF 5% 50V
C146	1-126-933-11	s ELECT 100uF 20% 16V
C147	1-126-933-11	s ELECT 100uF 20% 16V
C148	1-126-933-11	s ELECT 100uF 20% 16V
C200	1-163-033-91	s CERAMIC, CHIP 0.022uF 50V
C202	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 100V
C203	1-163-099-00	s CERAMIC, CHIP 18PF 5% 50V
C204	1-163-237-11	s CERAMIC, CHIP 27PF 5% 50V

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C205	1-163-253-11 s	CERAMIC, CHIP 120PF 5% 50V
C206	1-163-253-11 s	CERAMIC, CHIP 120PF 5% 50V
C207	1-126-933-11 s	ELECT 100uF 20% 16V
C208	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C209	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C210	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C211	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C217	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C218	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C219	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C220	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C221	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C222	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C223	1-126-925-11 s	ELECT 470uF 20% 10V
C224	1-126-925-11 s	ELECT 470uF 20% 10V
C225-234	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C238	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C239	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C240	1-126-933-11 s	ELECT 100uF 20% 16V
C241-251	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C252	1-126-933-11 s	ELECT 100uF 20% 16V
C253-258	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C259	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C260	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C261	1-126-933-11 s	ELECT 100uF 20% 16V
C262	1-126-933-11 s	ELECT 100uF 20% 16V
C263	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C264	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C265	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C267	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C268	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C269	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C270	1-164-161-11 s	CERAMIC, CHIP 0.0022uF 10% 100V
C271	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C301	1-126-933-11 s	ELECT 100uF 20% 16V
C302	1-126-933-11 s	ELECT 100uF 20% 16V
C303	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C304	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C305	1-126-933-11 s	ELECT 100uF 20% 16V
C306	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C307	1-163-249-11 s	CERAMIC, CHIP 82pF 5% 50V
C308	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C309	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C310	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C311	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C312	1-131-353-00 s	TANTALUM 10uF 10% 35V
C313	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C316	1-163-125-00 s	CERAMIC, CHIP 220PF 5% 50V
C317	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C318	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C319	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C320	1-126-933-11 s	ELECT 100uF 20% 16V
C321	1-126-933-11 s	ELECT 100uF 20% 16V
C322	1-126-933-11 s	ELECT 100uF 20% 16V
C323	1-163-239-11 s	CERAMIC, CHIP 33PF 5% 50V
C324	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C325	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C326	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C327	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C328	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C329	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C330	1-126-933-11 s	ELECT 100uF 20% 16V
C331	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C332	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C333	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C334	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C335	1-126-933-11 s	ELECT 100uF 20% 16V
C336	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C337	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C338	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C339	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C340	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C341	1-126-933-11 s	ELECT 100uF 20% 16V
C342	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C343	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C344	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C345	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C346	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C349	1-163-239-11 s	CERAMIC, CHIP 33PF 5% 50V
C350	1-126-933-11 s	ELECT 100uF 20% 16V
C351	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C352	1-163-133-00 s	CERAMIC, CHIP 470PF 5% 50V
C353	1-126-933-11 s	ELECT 100uF 20% 16V
C354	1-163-121-00 s	CERAMIC, CHIP 150PF 5% 50V
C355	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C356	1-163-089-00 s	CERAMIC, CHIP 6PF 50V
C357	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C358	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C359	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C360	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C361	1-163-241-11 s	CERAMIC, CHIP 39PF 5% 50V
C362	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C363	1-163-231-11 s	CERAMIC, CHIP 15pF 5% 50V
C364	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C365	1-126-933-11 s	ELECT 100uF 20% 16V
C366	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C367	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C368	1-126-933-11 s	ELECT 100uF 20% 16V
C369	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C370	1-163-017-00 s	CERAMIC, CHIP 0.0047uF 5% 50V
C371	1-126-933-11 s	ELECT 100uF 20% 16V
C372	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C373	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C374	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C375	1-163-220-11 s	CERAMIC, CHIP 3PF 50V
C376	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C377	1-126-933-11 s	ELECT 100uF 20% 16V
C378	1-126-933-11 s	ELECT 100uF 20% 16V
C379	1-163-131-00 s	CERAMIC, CHIP 390PF 5% 50V
C380	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C381	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C382	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C383	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C384	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C385	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C386	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C387	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C388	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C389	1-126-933-11 s	ELECT 100uF 20% 16V
C390	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C391	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C392	1-163-089-00 s	CERAMIC, CHIP 6PF 50V
C393	1-163-099-00 s	CERAMIC, CHIP 18PF 5% 50V
C394	1-163-241-11 s	CERAMIC, CHIP 39PF 5% 50V
C395	1-126-933-11 s	ELECT 100uF 20% 16V
C396	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C397	1-163-251-11 s	CERAMIC, CHIP 100PF 5% 50V
C398	1-164-232-11 s	CERAMIC, CHIP 0.01uF 10% 100V
C399	1-163-263-11 s	CERAMIC, CHIP 330PF 5% 50V
C501	1-126-933-11 s	ELECT 100uF 20% 16V
C502	1-126-933-11 s	ELECT 100uF 20% 16V
C503	1-126-933-11 s	ELECT 100uF 20% 16V
C504	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C505	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C506	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C507	1-163-257-11 s	CERAMIC, CHIP 180PF 5% 50V
C508	1-126-933-11 s	ELECT 100uF 20% 16V
C509	1-126-933-11 s	ELECT 100uF 20% 16V
C510	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C511	1-104-923-11 s	MICA, CHIP 180pF 0.25% 50V
C513	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C514	1-163-235-11 s	CERAMIC, CHIP 22PF 5% 50V
C515	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C516	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C517	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C518	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C519	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C520	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C521	1-131-353-00 s	TANTALUM 10uF 10% 35V
C522	1-163-102-00 s	CERAMIC, CHIP 24PF 5% 50V
C523	1-126-933-11 s	ELECT 100uF 20% 16V
C524	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C525	1-164-004-11 s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C527	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C528	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C529	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C530	1-163-275-11 s	CERAMIC, CHIP 0.001uF 5% 50V
C531	1-164-161-11 s	CERAMIC, CHIP 0.0022uF 10% 100V
C603	1-126-933-11 s	ELECT 100uF 20% 16V
C604	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C605	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C606	1-163-099-00 s	CERAMIC, CHIP 18PF 5% 50V
C607	1-163-125-00 s	CERAMIC, CHIP 220PF 5% 50V
C608	1-126-933-11 s	ELECT 100uF 20% 16V
C609	1-126-933-11 s	ELECT 100uF 20% 16V
C610	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C611	1-104-923-11 s	MICA, CHIP 180pF 0.25% 50V
C613	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C614	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C615	1-163-091-00 s	CERAMIC, CHIP 8PF 50V
C616	1-163-227-11 s	CERAMIC, CHIP 10PF 5% 50V
C617	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C618	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
C619	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C620	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C621	1-131-353-00 s	TANTALUM 10uF 10% 35V
C622	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C623	1-163-139-00 s	CERAMIC, CHIP 820PF 5% 50V
C624	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C625	1-126-933-11 s	ELECT 100uF 20% 16V
C626	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C627	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C628	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C631	1-126-933-11 s	ELECT 100uF 20% 16V
C632	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C803	1-126-933-11 s	ELECT 100uF 20% 16V
C809	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C901	1-126-933-11 s	ELECT 100uF 20% 16V
C902	1-126-933-11 s	ELECT 100uF 20% 16V
C903	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C904	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C905	1-126-933-11 s	ELECT 100uF 20% 16V
C906	1-126-933-11 s	ELECT 100uF 20% 16V
C907	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C908	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C909	1-126-933-11 s	ELECT 100uF 20% 16V
C910	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C911	1-126-933-11 s	ELECT 100uF 20% 16V
C912	1-126-933-11 s	ELECT 100uF 20% 16V
C913	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C914	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C915	1-126-933-11 s	ELECT 100uF 20% 16V
C916	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
C917	1-126-933-11 s	ELECT 100uF 20% 16V
C918	1-163-033-91 s	CERAMIC, CHIP 0.022uF 50V
CN101	1-573-782-21 o	CONNECTOR, PHEC 60P, MALE
CN102	1-573-782-21 o	CONNECTOR, PHEC 60P, MALE
CV301	1-141-442-91 s	CAP, TRIMMER 20pF
D101	8-719-941-23 s	DIODE DA204U
D102	8-719-941-23 s	DIODE DA204U
D109	8-719-123-82 s	DIODE 1SS303-T1
D202	8-719-123-82 s	DIODE 1SS303-T1
D301	8-719-041-39 s	DIODE KV1470
D302	8-719-941-23 s	DIODE DA204U
D303	8-719-821-39 s	DIODE 1SV160
D305	8-713-300-88 s	DIODE 1T33C-01
D306	8-719-941-23 s	DIODE DA204U
D307	8-719-911-19 s	DIODE 1SS119
FB201	1-543-309-21 s	BEAD, FERRITE
FL101	1-239-769-11 s	FILTER, LOW-PASS 5MHz
FL102	1-239-313-11 s	FILTER, LOW-PASS 2MHz
FL103	1-239-313-11 s	FILTER, LOW-PASS 2MHz
FL201	1-239-769-11 s	FILTER, LOW-PASS 5MHz
FL202	1-239-801-11 s	FILTER, LOW-PASS 4MHz
IC101	8-759-300-71 s	IC HD14053BFP
IC102	8-759-300-71 s	IC HD14053BFP
IC103	8-759-908-92 s	IC TL084CNS
IC104	8-759-925-76 s	IC SN74HC08ANS
IC201	8-759-925-90 s	IC SN74HC74ANS

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
IC202	8-759-300-71	s IC HD14053BFP
IC203	8-759-927-46	s IC SN74HC00ANS
IC205	8-759-085-99	s IC MB40568PF-G-BND
IC206	8-759-085-99	s IC MB40568PF-G-BND
IC207	8-759-035-93	s IC TC7S32F-TE85L
IC208	8-759-113-97	s IC UPD42505C-50
IC209	8-759-113-97	s IC UPD42505C-50
IC210	8-759-513-76	s IC CXD8161AQ
IC211	8-759-031-84	s IC TC7S04F
IC212	8-752-329-28	s IC CXD1151Q
IC213	8-752-363-43	s IC CXD1171M-1-TH
IC214	8-752-363-43	s IC CXD1171M-1-TH
IC215	8-759-300-71	s IC HD14053BFP
IC216	8-759-907-81	s IC SN74LS221NS
IC218	8-759-925-85	s IC SN74HC32ANS
IC220	8-759-300-71	s IC HD14053BFP
IC301	8-759-008-67	s IC MC14066BF
IC302	8-752-339-04	s IC CXD2208Q
IC303	8-759-908-92	s IC TL084CNS
IC304	8-759-906-53	s IC TL062CPS
IC305	8-759-031-84	s IC TC7S04F
IC306	8-759-908-92	s IC TL084CNS
IC307	8-759-031-84	s IC TC7S04F
IC308	8-759-906-53	s IC TL062CPS
IC309	8-759-300-71	s IC HD14053BFP
IC310	8-759-520-55	s IC CXD8243AM
IC311	8-759-008-67	s IC MC14066BF
IC312	8-759-907-81	s IC SN74LS221NS
IC313	8-759-239-58	s IC TC74HC221AF
IC314	8-759-009-06	s IC MC14052BF
IC315	8-759-908-15	s IC TL431CLP
IC316	8-759-908-15	s IC TL431CLP
IC317	8-759-031-84	s IC TC7S04F
IC501	1-810-334-11	s HIC BP-023
IC502	8-759-908-15	s IC TL431CLP
IC601	1-810-334-11	s HIC BP-023
IC602	8-759-908-15	s IC TL431CLP
IC901	8-759-182-84	s IC PQ05SZ5U
IC902	8-759-822-95	s IC L79M05T-FA
IC903	8-759-182-84	s IC PQ05SZ5U
IC904	8-759-172-41	s IC L78M09T-TL
L101-105	1-410-482-31	s INDUCTOR 100uH
L107	1-410-482-31	s INDUCTOR 100uH
L201	1-408-413-00	s INDUCTOR 22uH
L202	1-410-473-11	s INDUCTOR 18uH
L203	1-408-418-00	s INDUCTOR 56uH
L204	1-408-413-00	s INDUCTOR 22uH
L205	1-410-462-11	s INDUCTOR 2.2uH
L206	1-408-400-00	s INDUCTOR 1.8uH
L207	1-410-482-31	s INDUCTOR 100uH
L208	1-410-482-31	s INDUCTOR 100uH
L301	1-410-482-31	s INDUCTOR 100uH
L302	1-410-464-11	s INDUCTOR 3.3uH
L303	1-410-476-11	s INDUCTOR 33uH
L304	1-410-476-11	s INDUCTOR 33uH
L305	1-408-406-00	s INDUCTOR 5.6uH
L306-314	1-410-482-31	s INDUCTOR 100uH
L315	1-410-470-11	s INDUCTOR 10uH

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
L316	1-408-411-00	s INDUCTOR 15uH
L317	1-410-476-11	s INDUCTOR 33uH
L501	1-410-482-31	s INDUCTOR 100uH
L502	1-410-482-31	s INDUCTOR 100uH
L503	1-408-419-00	s INDUCTOR 68uH
L505	1-410-468-11	s INDUCTOR 6.8uH
L506	1-410-482-31	s INDUCTOR 100uH
L507	1-410-478-11	s INDUCTOR 47uH
L603	1-408-420-00	s INDUCTOR 82uH
L605	1-410-464-11	s INDUCTOR 3.3uH
L606	1-410-482-31	s INDUCTOR 100uH
L607	1-408-425-00	s INDUCTOR 220uH
L608	1-410-482-31	s INDUCTOR 100uH
L901-905	1-412-533-21	s INDUCTOR 47uH
LV301	1-406-746-11	s INDUCTOR, VAR 22uH
Q101	8-729-117-32	s TRANSISTOR 2SC4177
Q102	8-729-117-32	s TRANSISTOR 2SC4177
Q103	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q104	8-729-904-41	s TRANSISTOR FMY3
Q105	8-729-117-32	s TRANSISTOR 2SC4177
Q106	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q107	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q108	8-729-117-32	s TRANSISTOR 2SC4177
Q109	8-729-117-32	s TRANSISTOR 2SC4177
Q110	8-729-117-32	s TRANSISTOR 2SC4177
Q111	8-729-117-32	s TRANSISTOR 2SC4177
Q112	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q113	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q114	8-729-117-32	s TRANSISTOR 2SC4177
Q115	8-729-117-32	s TRANSISTOR 2SC4177
Q116	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q117-122	8-729-117-32	s TRANSISTOR 2SC4177
Q123	8-729-422-44	s TRANSISTOR 2SK663
Q124	8-729-422-44	s TRANSISTOR 2SK663
Q125	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q126	8-729-117-32	s TRANSISTOR 2SC4177
Q127	8-729-117-32	s TRANSISTOR 2SC4177
Q128	8-729-117-32	s TRANSISTOR 2SC4177
Q129	8-729-117-32	s TRANSISTOR 2SC4177
Q130	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q131	8-729-117-32	s TRANSISTOR 2SC4177
Q132	8-729-117-32	s TRANSISTOR 2SC4177
Q133	8-729-117-32	s TRANSISTOR 2SC4177
Q201	8-729-117-32	s TRANSISTOR 2SC4177
Q202	8-729-905-12	s TRANSISTOR DTA144EU
Q203	8-729-905-18	s TRANSISTOR DTC144EU
Q204	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q207	8-729-117-32	s TRANSISTOR 2SC4177
Q209	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q210	8-729-117-32	s TRANSISTOR 2SC4177
Q211	8-729-117-32	s TRANSISTOR 2SC4177
Q212	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q213	8-729-117-32	s TRANSISTOR 2SC4177
Q301	8-729-117-32	s TRANSISTOR 2SC4177
Q303	8-729-117-32	s TRANSISTOR 2SC4177
Q305	8-729-117-32	s TRANSISTOR 2SC4177
Q306	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q307	8-729-140-63	s TRANSISTOR 2SA1611-M5M6

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
Q308	8-729-905-18 s	TRANSISTOR DTC144EU
Q309	8-729-905-18 s	TRANSISTOR DTC144EU
Q310	8-729-117-32 s	TRANSISTOR 2SC4177
Q311	8-729-117-32 s	TRANSISTOR 2SC4177
Q312	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q313	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q314	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q315	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q316	8-729-905-18 s	TRANSISTOR DTC144EU
Q317	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q318	8-729-117-32 s	TRANSISTOR 2SC4177
Q319	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q320	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q321	8-729-117-32 s	TRANSISTOR 2SC4177
Q322	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q323	8-729-143-07 s	TRANSISTOR 2SA1610-YY33
Q324	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q325	8-729-140-47 s	TRANSISTOR 2SC3735-B34
Q508-512	8-729-117-32 s	TRANSISTOR 2SC4177
Q513	8-729-117-72 s	TRANSISTOR 2SC4178
Q514	8-729-117-72 s	TRANSISTOR 2SC4178
Q515	8-729-117-32 s	TRANSISTOR 2SC4177
Q516	8-729-117-72 s	TRANSISTOR 2SC4178
Q517	8-729-117-72 s	TRANSISTOR 2SC4178
Q518	8-729-140-63 s	TRANSISTOR 2SA1611-M5M6
Q519	8-729-117-72 s	TRANSISTOR 2SC4178
Q520	8-729-117-72 s	TRANSISTOR 2SC4178
Q601	8-729-117-32 s	TRANSISTOR 2SC4177
Q602	8-729-117-32 s	TRANSISTOR 2SC4177
Q603	8-729-117-32 s	TRANSISTOR 2SC4177
Q604-610	8-729-117-72 s	TRANSISTOR 2SC4178
R100	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R101	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R102	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R103	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R104	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R105	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R106	1-216-013-00 s	METAL, CHIP 33 5% 1/10W
R107	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R108	1-216-097-91 s	METAL, CHIP 100k 5% 1/10W
R109	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R110	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R111	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R112	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R113	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R114	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R115	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R116	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R117	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R118	1-216-639-11 s	METAL, CHIP 330 0.5% 1/10W
R119	1-216-041-00 s	METAL, CHIP 470 5% 1/10W
R120	1-216-641-11 s	METAL, CHIP 390 0.5% 1/10W
R121	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R122	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R123	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R124	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R125	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R126	1-216-041-00 s	METAL, CHIP 470 5% 1/10W

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R127	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R128	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R129	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R130	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R131	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R132	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R133	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R134	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R135	1-216-657-11 s	METAL, CHIP 1.8K 0.5% 1/10W
R136	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R137	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R138	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R139	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R140	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R141	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R142	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R143	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R144	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R145	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R146	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R147	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R148	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R149	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R150	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R151	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R152	1-216-121-91 s	METAL, CHIP 1M 5% 1/10W
R153	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R154	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R155	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R156	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R157	1-216-081-00 s	METAL, CHIP 22K 5% 1/10W
R158	1-216-073-00 s	METAL, CHIP 10K 5% 1/10W
R159	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R160	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R161	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R162	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R163	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R164	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R165	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R166	1-208-814-11 s	METAL, CHIP 22k 0.5% 1/10W
R167	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R168	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R169	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R170	1-216-057-00 s	METAL, CHIP 2.2K 5% 1/10W
R171	1-216-037-00 s	METAL, CHIP 330 5% 1/10W
R172	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R173	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R174	1-216-065-00 s	METAL, CHIP 4.7K 5% 1/10W
R175	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R176	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R177	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R178	1-216-627-11 s	METAL, CHIP 100 0.5% 1/10W
R179	1-216-295-91 s	RES, CHIP 0
R180	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R181	1-216-025-91 s	METAL, CHIP 100 5% 1/10W
R182	1-216-049-91 s	METAL, CHIP 1k 5% 1/10W
R183	1-216-295-91 s	RES, CHIP 0
R184	1-216-651-11 s	METAL, CHIP 1K 0.5% 1/10W
R185	1-216-025-91 s	METAL, CHIP 100 5% 1/10W



(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R186	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R187	1-216-295-91	s RES, CHIP 0
R188	1-216-618-11	s METAL, CHIP 43 0.50% 1/10W
R189	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R190	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R193	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R200	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R201	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R202	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R203	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R204	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R205	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R206	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R207	1-216-631-11	s METAL, CHIP 150 0.5% 1/10W
R208	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R209	1-216-619-11	s METAL, CHIP 47 0.5% 1/10W
R210	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R211	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R212	1-216-009-00	s METAL, CHIP 22 5% 1/10W
R213	1-216-295-91	s RES, CHIP 0
R216	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R217	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R220	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R223	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R225	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R226	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R227	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R228	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R229	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R230	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R231	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R232	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R233	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R234	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R236	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R238	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R239	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R240	1-216-295-91	s RES, CHIP 0
R241	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R242	1-216-696-11	s METAL, CHIP 75K 0.5% 1/10W
R243	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R244	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R245	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R246	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R247	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R248	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R249	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R250	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R251	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R252	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R253	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R254	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R255	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R256	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R257	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R258	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R259	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R260	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R261	1-216-073-00	s METAL, CHIP 10K 5% 1/10W

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R263-268	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R270-279	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R280	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R301	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R302	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R303	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R304	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R305	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R306	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R307	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R308	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R309	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R311	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R312	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R313	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R314	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R315	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R316	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R317	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R318	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R319	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R320	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R321	1-216-097-91	s METAL, CHIP 100k 5% 1/10W
R322	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R323	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R324	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R325	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R326	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R327	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R328	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R329	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R330	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R331	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R332	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R333	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R334	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R335	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R336	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R337	1-218-764-11	s METAL, CHIP 330K 0.5% 1/10W
R338	1-216-089-91	s METAL, CHIP 47k 5% 1/10W
R339	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R340	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R341	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R342	1-216-695-11	s METAL, CHIP 68K 0.5% 1/10W
R343	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R344	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R345	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R346	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R347	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R348	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R349	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R350	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R351	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R352	1-208-801-11	s METAL, CHIP 6.2k 0.5% 1/10W
R353	1-216-634-11	s METAL, CHIP 200 0.5% 1/10W
R354	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R355	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R356	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R357	1-216-121-91	s METAL, CHIP 1M 5% 1/10W
R358	1-216-117-00	s METAL, CHIP 680K 5% 1/10W
R359	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R360	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R361	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R362	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R363	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R364	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R365	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R367	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R368	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R369	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R370	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R371	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R372	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R373	1-216-295-91	s RES, CHIP 0
R374	1-216-295-91	s RES, CHIP 0
R375	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R376	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R377	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R378	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R379	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R380	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R381	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R382	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R383	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R384	1-216-673-11	s METAL, CHIP 8.2K 0.5% 1/10W
R385	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R386	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R387	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R388	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R389	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R390	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R391	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R392	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R393	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R394	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R395	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R396	1-216-295-91	s RES, CHIP 0
R397	1-216-295-91	s RES, CHIP 0
R399	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R400	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R401	1-208-784-11	s METAL, CHIP 1.2k 0.5% 1/10W
R402	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R403	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R404	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R405	1-208-817-11	s METAL, CHIP 30k 0.5% 1/10W
R406	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R407	1-216-133-00	s METAL, CHIP 3.3M 5% 1/10W
R408	1-216-295-91	s RES, CHIP 0
R501	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R502	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R503	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R504	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R505	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R506	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R507	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R508	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R509	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R510	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R511	1-216-295-91	s RES, CHIP 0
R512	1-218-184-11	s METAL, CHIP 997 0.1% 1/16W
R513	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R514	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R515	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R516	1-218-922-11	s METAL, CHIP 3.26K 0.1% 1/16W
R517	1-216-607-11	s METAL, CHIP 15 0.50% 1/10W
R518	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R519	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R520	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R521	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R522	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R523	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R524	1-216-295-91	s RES, CHIP 0
R525	1-216-639-11	s METAL, CHIP 330 0.5% 1/10W
R526	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R527	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R528	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R529	1-216-295-91	s RES, CHIP 0
R530	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R531	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R532	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R533	1-208-774-11	s METAL, CHIP 470 0.5% 1/10W
R534	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R535	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R536	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R537	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R538	1-216-657-11	s METAL, CHIP 1.8K 0.5% 1/10W
R539	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R540	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R541	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R542	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R543	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R544	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R545	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R546	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R547	1-208-810-11	s METAL, CHIP 15k 0.5% 1/10W
R548	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R549	1-208-789-11	s METAL, CHIP 2k 0.5% 1/10W
R550	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R551	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R552	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R553	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R554	1-208-814-11	s METAL, CHIP 22k 0.5% 1/10W
R555	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R556	1-216-666-11	s METAL, CHIP 4.3K 0.5% 1/10W
R557	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R558	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R559	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R560	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R561	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
R562	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R563	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R564	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R565	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R601	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R602	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R603	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
R604	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W
R605	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R606	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R607	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R608	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R609	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R610	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R611	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R612	1-216-622-11	s METAL, CHIP 62 0.5% 1/10W
R613	1-218-184-11	s METAL, CHIP 997 0.1% 1/16W
R614	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R615	1-216-635-11	s METAL, CHIP 220 0.5% 1/10W
R617	1-218-922-11	s METAL, CHIP 3.26K 0.1% 1/16W
R618	1-216-295-91	s RES, CHIP 0
R619	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R620	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R621	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R622	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R623	1-216-655-11	s METAL, CHIP 1.5K 0.5% 1/10W
R624	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R625	1-216-295-91	s RES, CHIP 0
R626	1-216-641-11	s METAL, CHIP 390 0.5% 1/10W
R627	1-208-812-11	s METAL, CHIP 18k 0.5% 1/10W
R628	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R629	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R630	1-216-295-91	s RES, CHIP 0
R631	1-216-687-11	s METAL, CHIP 33K 0.5% 1/10W
R632	1-216-648-11	s METAL, CHIP 750 0.5% 1/10W
R633	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R634	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R635	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R636	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R637	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R638	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R639	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R640	1-216-646-11	s METAL, CHIP 620 0.5% 1/10W
R641	1-208-775-11	s METAL, CHIP 510 0.5% 1/10W
R642	1-216-651-11	s METAL, CHIP 1K 0.5% 1/10W
R643	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R644	1-216-041-00	s METAL, CHIP 470 5% 1/10W
R645	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R646	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
R647	1-216-049-91	s METAL, CHIP 1k 5% 1/10W
R648	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R649	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R650	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R651	1-216-037-00	s METAL, CHIP 330 5% 1/10W
R652	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R653	1-216-013-00	s METAL, CHIP 33 5% 1/10W
R654	1-216-667-11	s METAL, CHIP 4.7K 0.5% 1/10W
R655	1-216-663-11	s METAL, CHIP 3.3K 0.5% 1/10W
R656	1-216-025-91	s METAL, CHIP 100 5% 1/10W
R657	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
R658	1-208-806-11	s METAL, CHIP 10k 0.5% 1/10W
RV101	1-241-760-21	s RES, ADJ METAL 470
RV102	1-241-760-21	s RES, ADJ METAL 470
RV103	1-241-762-11	s RES, ADJ METAL 2.2k
RV104	1-241-760-21	s RES, ADJ METAL 470
RV105	1-241-759-21	s RES, ADJ METAL 220

(VRA-5P BOARD(UVW-1800P))

Ref. No. or Q'ty	Part No.	SP Description
RV201	1-241-784-11	s RES, ADJ METAL 4.7k
RV202	1-241-785-11	s RES, ADJ METAL 10k
RV203	1-241-785-11	s RES, ADJ METAL 10k
RV301	1-241-762-11	s RES, ADJ METAL 2.2k
RV302	1-241-785-11	s RES, ADJ METAL 10k
RV303	1-241-784-11	s RES, ADJ METAL 4.7k
RV304	1-241-784-11	s RES, ADJ METAL 4.7k
RV305	1-241-784-11	s RES, ADJ METAL 4.7k
RV306	1-241-762-11	s RES, ADJ METAL 2.2k
RV501	1-241-761-11	s RES, ADJ METAL 1k
RV502	1-241-762-11	s RES, ADJ METAL 2.2k
RV503	1-241-762-11	s RES, ADJ METAL 2.2k
RV602	1-241-763-11	s RES, ADJ METAL 4.7k
RV603	1-241-763-11	s RES, ADJ METAL 4.7k
S201	1-571-275-31	s SWITCH, SLIDE
X301	1-579-057-11	s CRYSTAL 17.734475MHz
X302	1-760-183-21	s CRYSTAL 10.664135MHz

AC BOARD/SOPS-1045(UVW-1800/1600(J,UC))

Ref. No.
or Q'ty Part No. SP Description

1pc Δ 1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the AC board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of components parts on the board should be critical to safe operation.

1pc	1-533-217-31 s	HOLDER, FUSE
1pc	1-580-375-11 s	INLET 3P
3pcs	3-899-248-11 s	SCREW, +PSW M3x8
1pc	7-682-961-01 s	SCREW, +PSW4x8
C151	1-161-740-00 s	CERAMIC 470pF 10% 400V
C152	1-161-740-00 s	CERAMIC 470pF 10% 400V
C153	1-161-740-00 s	CERAMIC 470pF 10% 400V
C154	1-161-740-00 s	CERAMIC 470pF 10% 400V
C155	1-136-472-11 s	FILM 0.1uF 20% 250V
C155	1-136-212-12 s	FILM 0.1uF 20% 250V
C156	1-136-472-11 s	FILM 0.1uF 20% 250V
C156	1-136-212-12 s	FILM 0.1uF 20% 250V
CN151	1-564-215-11 o	CONNECTOR 4P, MALE
F151	1-532-746-11 s	FUSE 4A 125V
L151	1-424-353-11 s	FILTER, LINE
L152	1-424-255-11 s	COIL, CHOKe 10uH
L153	1-424-255-11 s	COIL, CHOKe 10uH
L203	1-406-953-11 s	COIL, CHOKe 30uH
R155	1-202-849-00 s	COMP 820k 1/2W 10%
VZ151	1-809-337-41 s	VARISTOR ENC471D-07AW

AC BOARD/SOPS-1046(UVW-1800P/1600P))

Ref. No.
or Q'ty Part No. SP Description

1pc Δ 1-413-925-12 s REGULATOR, SWITCHING (SOPS-1046)

All of component parts on the AC board are supplied together when you order switching regulator, SOPS-1046. Therefore, all of components parts on the board should be critical to safe operation.

1pc	1-533-217-31 s	HOLDER, FUSE
1pc	1-580-375-11 s	INLET 3P
3pcs	3-899-248-11 s	SCREW, +PSW M3x8
1pc	7-682-961-01 s	SCREW, +PSW4x8
C151	1-161-742-00 s	CERAMIC 0.0022uF 20% 400V
C152	1-161-742-00 s	CERAMIC 0.0022uF 20% 400V
C153	1-161-742-00 s	CERAMIC 0.0022uF 20% 400V
C154	1-161-742-00 s	CERAMIC 0.0022uF 20% 400V
C155	1-136-472-11 s	FILM 0.1uF 20% 250V
C155	1-136-212-12 s	FILM 0.1uF 20% 250V
C156	1-136-472-11 s	FILM 0.1uF 20% 250V
C156	1-136-212-12 s	FILM 0.1uF 20% 250V
CN151	1-564-215-11 o	CONNECTOR 4P, MALE
F151	1-576-228-11 s	FUSE 2A 250V
L151	1-424-353-11 s	FILTER, LINE
L152	1-424-255-11 s	COIL, CHOKe 10uH
L153	1-424-255-11 s	COIL, CHOKe 10uH
L203	1-406-953-11 s	COIL, CHOKe 30uH
R155	1-202-849-00 s	COMP 820k 10% 1/2W
VZ151	1-809-337-41 s	VARISTOR ENC471D-07AW

M BOARD/SOPS-1045(UVW-1800/1600(J,UC))

Ref. No.
or Q'ty Part No. SP Description

1pc Δ 1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the M board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of components parts on the board should be critical to safe operation.

1pc 1-543-060-00 s BEAD, FERRITE
1pc 1-543-923-11 s BEADS, FERRITE

C106 1-136-185-00 s FILM 0.22uF 20% 250V
C107 1-161-742-00 s CERAMIC 0.0022uF 20% 400V
C108 1-161-742-00 s CERAMIC 0.0022uF 20% 400V
C113 1-125-715-11 s ELECT 820uF 20% 200V
C114 1-136-206-11 s FILM 0.033uF 10% 630V

C115 1-136-165-00 s FILM 0.1uF 5% 50V
C116 1-124-478-11 s ELECT 100uF 20% 25V
C117 1-124-477-11 s ELECT 47uF 20% 25V
C118 1-130-487-00 s MYLAR 0.022uF 5% 50V
C119 1-136-153-00 s FILM 0.01uF 5% 50V

C120 1-130-048-00 s FILM 220pF 5% 50V
C121 1-136-165-00 s FILM 0.1uF 5% 50V
C122 1-124-927-11 s ELECT 4.7uF 20% 100V
C123 1-161-742-00 s CERAMIC 0.0022uF 20% 400V
C124 1-161-741-00 s CERAMIC 1000pF 20% AC400V

C125 1-161-741-00 s CERAMIC 1000pF 20% AC400V
C126 1-162-117-11 s CERAMIC 100pF 10% 500V
C201 1-164-645-11 s CERAMIC 1000pF 10% 500V
C202 1-164-645-11 s CERAMIC 1000pF 10% 500V
C203 1-128-102-11 s ELECT 1200uF 20% 16V

C204 1-128-585-11 s ELECT 270uF 20% 16V
C206 1-164-646-11 s CERAMIC 2200pF 10% 500V
C207 1-164-646-11 s CERAMIC 2200pF 10% 500V
C208 1-128-102-11 s ELECT 1200uF 20% 16V
C209 1-126-987-11 s ELECT 220uF 20% 10V

C211 1-164-646-11 s CERAMIC 2200pF 10% 500V
C212 1-164-646-11 s CERAMIC 2200pF 10% 500V
C213 1-128-102-11 s ELECT 1200uF 20% 16V
C214 1-126-987-11 s ELECT 220uF 20% 10V
C215 1-136-165-00 s FILM 0.1uF 5% 50V

C216 1-164-646-11 s CERAMIC 2200pF 10% 500V
C217 1-164-646-11 s CERAMIC 2200pF 10% 500V
C218 1-128-102-11 s ELECT 1200uF 20% 16V
C219 1-126-987-11 s ELECT 220uF 20% 10V
C220 1-136-165-00 s FILM 0.1uF 5% 50V

C221 1-164-645-11 s CERAMIC 1000pF 10% 500V
C222 1-164-645-11 s CERAMIC 1000pF 10% 500V
C223 1-128-102-11 s ELECT 1200uF 20% 16V
C225 1-128-584-11 s ELECT 120uF 20% 16V
C226 1-128-585-11 s ELECT 270uF 20% 16V

C228 1-128-585-11 s ELECT 270uF 20% 16V
C230 1-130-489-00 s MYLAR 0.033uF 5% 50V
C231 1-136-169-00 s MYLAR 0.22uF 5% 50V
C232 1-130-483-00 s MYLAR 0.01uF 5% 50V
C233 1-136-157-00 s FILM, CHIP 0.022uF 5% 50V

CN101 1-564-216-00 o CONNECTOR, VH 5P, MALE
CN102 1-564-215-11 o PIN, CONNECTOR 4P
CN103 1-564-321-00 o CONNECTOR, VH 2P, MALE
CN201 1-564-932-11 o CONNECTOR 9P, MALE

(M BOARD/SOPS-1045(UVW-1800/1600(J,UC)))

Ref. No.
or Q'ty Part No. SP Description

D101 8-719-510-71 s DIODE D10XB60
D102 8-719-313-16 s DIODE AU02A
D103 8-719-911-19 s DIODE 1SS119
D104 8-719-510-26 s DIODE D1NL20
D105 8-719-510-26 s DIODE D1NL20

D106 8-719-510-26 s DIODE D1NL20
D107 8-719-911-19 s DIODE 1SS119
D108 8-719-109-84 s DIODE RD5.1ES-B1
D109 8-719-911-19 s DIODE 1SS119
D110 8-719-109-89 s DIODE RD5.6ES-B2

D201 8-719-510-12 s DIODE D10SC4M
D202 8-719-510-39 s DIODE D10LC20U
D203 8-719-510-39 s DIODE D10LC20U
D204 8-719-988-31 s DIODE D10SC6MR
D205 8-719-025-11 s DIODE D8LC20UR

D206 8-719-027-20 s DIODE D3S4M-F
D208 8-719-911-19 s DIODE 1SS119
D209 8-719-109-88 s DIODE RD5.6ES-B1
D210 8-719-911-19 s DIODE 1SS119
D211 8-719-110-12 s DIODE RD9.1ES-B1

D213 8-719-110-42 s DIODE RD15ES-B3
D214 8-719-110-49 s DIODE RD18ES-B2

IC101 8-759-520-23 s IC FA5304P
IC102 8-719-028-92 s PHOTO-COUPLER PS2652-P-V
IC103 8-719-028-92 s PHOTO-COUPLER PS2652-P-V
IC103 8-719-820-67 s PHOTO-COUPLER TLP634GB-LF2
IC201 8-759-604-69 s IC M50460-052P

IC202 8-759-908-15 s IC TL431CLP

L101 1-424-389-11 s FILTER, LINE
L103 1-412-552-11 s INDUCTOR 2.2mH
L201 1-406-929-11 s COIL, CHOKE
L202 1-424-254-31 s COIL, CHOKE 4.7UH
L204 1-424-255-11 s COIL, CHOKE 10UH

L205 1-424-254-31 s COIL, CHOKE 4.7UH
L206 1-424-255-11 s COIL, CHOKE 10UH
L207 1-406-929-11 s COIL, CHOKE
L208 1-424-255-11 s COIL, CHOKE 10UH

Q101 8-729-321-75 s TRANSISTOR 2SK1400A
Q201 8-729-900-80 s TRANSISTOR DTC114ES

R102 1-217-785-11 s WIREWOUND 15 5% 5W
R103 1-260-129-91 s CARBON 330k 1/2W 5%
R104 1-215-902-11 s METAL 47k 5% 2W
R105 1-215-902-11 s METAL 47k 5% 2W
R106 1-215-902-11 s METAL 47k 5% 2W

R107 1-249-404-00 s CARBON 82 5% 1/4W
R108 1-249-394-11 s CARBON 12 5% 1/4W
R109 1-249-441-11 s CARBON 100k 5% 1/4W
R110 1-249-395-11 s CARBON 15 5% 1/4W
R111 1-249-397-11 s CARBON 22 5% 1/4W

R112 1-249-381-11 s CARBON 1 5% 1/4W
R113 1-249-395-11 s CARBON 15 5% 1/4W
R114 1-249-429-11 s CARBON 10k 5% 1/4W
R115 1-249-421-11 s CARBON 2.2k 5% 1/4W
R116 1-247-903-00 s CARBON 1M 5% 1/4W

R117 1-215-902-11 s METAL 47k 5% 2W
R118 1-249-436-11 s CARBON 39k 5% 1/4W
R201-205 1-215-882-00 s METAL 22 5% 2W

(M BOARD/SOPS-1045(UVW-1800/1600(J, UC)))

Ref. No. or Q'ty	Part No.	SP Description
R206	1-249-419-11	s CARBON 1.5k 5% 1/4W
R209	1-215-429-00	s METAL 2.2k 1% 1/6W
R210	1-215-433-00	s METAL 3.3k 1% 1/6W
R212	1-249-413-11	s CARBON 470 5% 1/4W
R213	1-249-405-11	s CARBON 100 5% 1/4W
R214	1-249-433-11	s CARBON 22k 5% 1/4W
RV201	1-237-500-21	s RES, ADJ METAL 1k
RY101	1-515-864-11	s RELAY
T101	1-423-874-11	s TRANSFORMER, CONVERTER
T102	1-424-573-11	s TRANSFORMER, CURRENT

M BOARD/SOPS-1046(UVW-1800P/1600P(EK))

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 1-413-925-12	s REGULATOR, SWITCHING (SOPS-1046)

All of component parts on the M board are supplied together when you order switching regulator, SOPS-1046. Therefore, all of components parts on the board should be critical to safe operation.

1pc	1-543-060-00	s BEAD, FERRITE
1pc	1-543-923-11	s BEAD, FERRITE
C106	1-136-185-00	s FILM 0.22uF 20% 250V
C107	1-161-741-00	s CERAMIC 1000PF 10% AC400V
C108	1-161-741-00	s CERAMIC 1000PF 10% AC400V
C113	1-125-731-11	s ELECT 270MF 20% 400V
C114	1-136-206-11	s FILM 0.033uF 10% 630V
C115	1-136-165-00	s FILM 0.1uF 5% 50V
C116	1-124-478-11	s ELECT 100uF 20% 25V
C117	1-124-477-11	s ELECT 47uF 20% 25V
C118	1-136-157-00	s FILM 0.022uF 5% 50V
C119	1-136-153-00	s FILM 0.01uF 5% 50V
C120	1-130-048-00	s FILM 220pF 5% 50V
C121	1-136-165-00	s FILM 0.1uF 5% 50V
C122	1-124-927-11	s ELECT 4.7uF 20% 100V
C123	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C124	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C125	1-161-742-00	s CERAMIC 0.0022uF 20% 400V
C126	1-102-002-00	s CERAMIC 680PF 10% 500V
C201	1-164-645-11	s CERAMIC 1000pF 10% 500V
C202	1-164-645-11	s CERAMIC 1000pF 10% 500V
C203	1-128-102-11	s ELECT 1200uF 20% 16V
C204	1-128-585-11	s ELECT 270uF 20% 16V
C206	1-164-646-11	s CERAMIC 2200pF 10% 500V
C207	1-164-646-11	s CERAMIC 2200pF 10% 500V
C208	1-128-102-11	s ELECT 1200uF 20% 16V
C209	1-126-987-11	s ELECT 220uF 20% 10V
C211	1-164-646-11	s CERAMIC 2200pF 10% 500V
C212	1-164-646-11	s CERAMIC 2200pF 10% 500V
C213	1-128-102-11	s ELECT 1200uF 20% 16V
C214	1-126-987-11	s ELECT 220uF 20% 10V
C215	1-136-165-00	s FILM 0.1uF 5% 50V
C216	1-164-646-11	s CERAMIC 2200pF 10% 500V
C217	1-164-646-11	s CERAMIC 2200pF 10% 500V
C218	1-128-102-11	s ELECT 1200uF 20% 16V
C219	1-126-987-11	s ELECT 220uF 20% 10V
C220	1-136-165-00	s FILM 0.1uF 5% 50V
C221	1-164-645-11	s CERAMIC 1000pF 10% 500V
C222	1-164-645-11	s CERAMIC 1000pF 10% 500V
C223	1-128-102-11	s ELECT 1200uF 20% 16V
C225	1-128-584-11	s ELECT 120uF 20% 16V
C226	1-128-585-11	s ELECT 270uF 20% 16V
C228	1-128-585-11	s ELECT 270uF 20% 16V
C230	1-130-489-00	s MYLAR 0.033uF 5% 50V
C231	1-136-169-00	s MYLAR 0.22uF 5% 50V
C232	1-130-483-00	s MYLAR 0.01uF 5% 50V
C233	1-136-157-00	s FILM, CHIP 0.022uF 5% 50V
CN101	1-564-216-00	o CONNECTOR, VH 5P, MALE
CN102	1-564-215-11	o CONNECTOR 4P, MALE
CN103	1-564-321-00	o CONNECTOR, VH 2P, MALE
CN201	1-564-932-11	o CONNECTOR 9P, MALE

(M BOARD/SOPS-1046(UVW-1800P/1600P(EK)))

Ref. No. or Q'ty	Part No.	SP Description
D101	8-719-510-71	s DIODE D10XB60
D102	8-719-313-16	s DIODE AU02A
D103	8-719-911-19	s DIODE 1SS119
D104	8-719-510-26	s DIODE D1NL20
D105	8-719-510-26	s DIODE D1NL20
D106	8-719-313-16	s DIODE AU02A
D107	8-719-911-19	s DIODE 1SS119
D108	8-719-109-84	s DIODE RD5.1ES-B1
D109	8-719-911-19	s DIODE 1SS119
D110	8-719-109-89	s DIODE RD5.6ES-B2
D201	8-719-510-12	s DIODE D10SC4M
D202	8-719-510-39	s DIODE D10LC20U
D203	8-719-510-39	s DIODE D10LC20U
D204	8-719-988-31	s DIODE D10SC6MR
D205	8-719-025-11	s DIODE D8LC20UR
D206	8-719-027-20	s DIODE D3S4M-F
D208	8-719-911-19	s DIODE 1SS119
D209	8-719-109-88	s DIODE RD5.6ES-B1
D210	8-719-911-19	s DIODE 1SS119
D211	8-719-110-12	s DIODE RD9.1ES-B1
D213	8-719-110-42	s DIODE RD15ES-B3
D214	8-719-110-52	s DIODE RD20ES-B1
IC101	8-759-520-23	s IC FA5304P
IC102	8-719-028-92	s PHOTO-COUPLER PS2652-P-V
IC103	8-719-028-92	s PHOTO-COUPLER PS2652-P-V
IC103	8-719-820-67	s PHOTO-COUPLER TLP634GB-LF2
IC201	8-759-604-49	s IC M5F7909L
IC202	8-759-908-15	s IC TL431CLP
L101	1-423-974-11	s FILTER, LINE
L103	1-412-552-11	s INDUCTOR 2.2mH
L201	1-406-929-11	s COIL, CHOKE
L202	1-424-254-31	s COIL, CHOKE 4.7uH
L203	1-406-531-11	s COIL, CHOKE 30uH
L204	1-424-255-11	s COIL, CHOKE 10uH
L205	1-424-254-31	s COIL, CHOKE 4.7uH
L206	1-424-255-11	s COIL, CHOKE 10uH
L207	1-406-929-11	s COIL, CHOKE
L208	1-424-255-11	s COIL, CHOKE 10uH
Q101	8-729-322-18	s TRANSISTOR 2SK1402A
Q201	8-729-900-80	s TRANSISTOR DTC114ES
R102	1-217-785-11	s WIREWOUND 15 5% 5W
R103	1-260-127-11	s CARBON 220K 5% 1/2W
R104	1-215-904-11	s METAL 100K 5% 2W
R105	1-215-904-11	s METAL 100K 5% 2W
R106	1-215-902-11	s METAL 47K 5% 2W
R107	1-215-374-00	s METAL 11 1% 1/6W
R108	1-249-394-11	s CARBON 12 5% 1/4W
R109	1-249-441-11	s CARBON 100K 5% 1/4W
R110	1-249-390-11	s CARBON 5.6 5% 1/4W
R111	1-249-397-11	s CARBON 22 5% 1/4W
R112	1-249-381-11	s CARBON 1 5% 1/4W
R113	1-249-398-11	s CARBON 27 5% 1/4W
R114	1-249-429-11	s CARBON 10K 5% 1/4W
R115	1-249-421-11	s CARBON 2.2K 5% 1/4W
R116	1-247-903-00	s CARBON 1M 5% 1/4W
R117	1-215-902-11	s METAL 47K 5% 2W
R118	1-249-436-11	s CARBON 39K 5% 1/4W

(M BOARD/SOPS-1046(UVW-1800P/1600P(EK)))

Ref. No. or Q'ty	Part No.	SP Description
R119	1-260-127-11	s CARBON 220K 5% 1/2W
R201-205	1-215-882-00	s METAL 22 5% 2W
R206	1-249-419-11	s CARBON 1.5K 5% 1/4W
R209	1-215-429-00	s METAL 2.2K 1% 1/6W
R210	1-215-433-00	s METAL 3.3K 1% 1/6W
R212	1-249-413-11	s CARBON 470 5% 1/4W
R213	1-247-807-31	s CARBON 100 5% 1/4W
R214	1-249-433-11	s CARBON 22K 5% 1/4W
RV201	1-237-500-21	s RES, ADJ METAL 1K
RY101	1-515-864-11	s RELAY
T101	1-426-623-11	s TRANSFORMER CONVERTER
T102	1-424-573-11	s TRANSFORMER, CURRENT

FRAME LIST

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8260-827-A	s DRUM ASSY, DBH-40A-R (for UVW-1800P)
1pc	A-8267-658-A	s UPPER DRUM ASSY, DBR-40-R (for UVW-1800P)
1pc	A-8260-829-A	s DRUM ASSY, DBH-42A-R (for UVW-1600P)
1pc	A-8267-660-A	s UPPER DRUM ASSY, DBR-42-R (for UVW-1600P)
1pc	A-8260-972-A	s DRUM ASSY, DBH-39A-R (for UVW-1800)
1pc	A-8260-973-A	s UPPER DRUM ASSY, DBR-39-R (for UVW-1800)
1pc	A-8260-976-A	s DRUM ASSY, DBH-41A-R (for UVW-1600)
1pc	A-8260-977-A	s UPPER DRUM ASSY, DBR-41-R (for UVW-1600)
1pc	△ 1-413-889-11	s REGULATOR, SWITCHING (SOPS-1045)
1pc	△ 1-413-925-12	s REGULATOR, SWITCHING (SOPS-1046)
1pc	1-690-106-12	s WIRE, FLEXIBLE CARD 5P
1pc	△ 1-810-374-12	s UNIT, FLD
1pc	1-810-381-11	s SENSOR, CONDENSATION
H1001	8-825-778-81	s HEAD, EPS244-2103H (for UVW-1600)
H1001	8-825-778-91	s HEAD, PS244-2103G (for UVW-1800)
H1002	8-825-554-83	s HEAD, CTL PS244-21B
H1003	8-825-770-73	s HEAD, FE EF291-21
L1001	1-543-316-31	s HEAD, SENSING "TAPE END SENSOR"
L1002	1-543-316-31	s HEAD, SENSING "TAPE TOP SENSOR"
M1001	1-698-152-11	s MOTOR, DC (SVD-1449) "THREADING"
M1002	1-698-152-11	s MOTOR, DC (SVD-1449) "CASSETTE"
M1003	1-698-231-12	s MOTOR, DC "S-REEL"
M1004	1-698-231-12	s MOTOR, DC "T-REEL"
M1005	1-698-179-11	s MOTOR, DC "CAPSTAN"
M1006	1-698-152-11	s MOTOR, DC (SVD-1449) "POSITION"
PM1001	1-454-338-00	s SOLENOID "PINCH"
PM1002	1-454-417-41	s SOLENOID "S-BRAKE"
PM1003	1-454-417-41	s SOLENOID "T-BRAKE"
S1001	△ 1-570-117-31	s SWITCH, ROCKER "AC POWER"

FRAME, HARNESS, CONNECTOR & CONTACT LIST

Ref. No. or Q'ty	Part No.	SP Description
to ACE ASSY		
CN921F (for UVW-1800 only)		
	1-565-978-11	o HOUSING 6P
6pcs	1-565-977-11	s CONTACT, FEMALE AWG28-32
CN922F		
	1-568-819-11	o HOUSING 9P
9pcs	1-565-977-11	s CONTACT, FEMALE AWG28-32
to AP-31/31A board		
AP-31: UVW-1800		
AP-31A: UVW-1600		
CN1F		
	1-569-196-41	o HOUSING 3P
1pc	1-569-191-11	o CONTACT, FEMALE AWG22-26
2pcs	1-569-193-11	o CONTACT, FEMALE
CN2F		
	1-569-196-31	o HOUSING 3P
1pc	1-569-191-11	o CONTACT, FEMALE AWG22-26
2pcs	1-569-193-11	o CONTACT, FEMALE
CN3F		
	1-569-196-11	o HOUSING 3P
1pc	1-569-191-11	o CONTACT, FEMALE AWG22-26
2pcs	1-569-193-11	o CONTACT, FEMALE
to AR-14 board (for UVW-1800 only)		
CN1F		
	1-569-202-11	o HOUSING 9P
3pcs	1-569-191-11	o CONTACT, FEMALE AWG22-26
6pcs	1-569-193-11	o CONTACT, FEMALE
to AUDIO LEVEL METER		
CN1F		
	1-559-586-11	o WIRE, FLEXIBLE CARD 20P
CN2F		
	1-559-586-11	o WIRE, FLEXIBLE CARD 20P
to CAPSTAN MOTOR CONTROL BLOCK		
CN8F		
	1-562-153-11	o HOUSING 8P
8pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
to CASSETTE		
CN930F		
	1-562-157-11	o HOUSING 12P
12pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
to CP-225/225A board		
CP-225: UVW-1800		
CP-225A: UVW-1600		
CN651F		
	1-562-149-11	o HOUSING 4P
4pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN652F		
	1-562-152-11	o HOUSING 7P
7pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN653F		
	1-562-151-11	o HOUSING 6P
6pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN654F		
	1-562-157-11	o HOUSING 12P
12pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN655F		
	1-562-185-11	o HOUSING 14P
14pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN656F		
	1-562-147-11	o HOUSING 2P
2pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No. or Q'ty	Part No.	SP Description
to CP-226/226A board		
	CP-226:	UVW-1800
	CP-226A:	UVW-1600
CN274F 7pcs	1-562-152-11	o HOUSING 7P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN275F 6pcs	1-562-151-11	o HOUSING 6P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN276F 2pcs	1-562-147-11	o HOUSING 2P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
to CP-237/237A board		
	CP-237:	UVW-1800
	CP-237A:	UVW-1600
CN532F	1-575-733-11	s CABLE, FLAT 17P
to DR-214 board		
CN301F	1-558-261-31	s WIRE, FLEXIBLE CARD 30P
CN302F	1-558-261-31	s WIRE, FLEXIBLE CARD 30P
CN303F	1-558-261-31	s WIRE, FLEXIBLE CARD 30P
to DRUM ASSY		
CN1F 15pcs	1-580-938-11	o HOUSING 15P
	1-565-740-11	o CONTACT, FEMALE AWG24-30
CN901F(for UVW-1800 only)		
	1-565-978-11	o HOUSING 6P
6pcs	1-565-977-11	s CONTACT, FEMALE AWG28-32
CN911F 2pcs	1-569-199-11	o HOUSING CONNECTOR 6P
	1-569-192-11	o CONTACT, FEMALE AWG22-26
4pcs	1-569-194-11	o CONTACT, FEMALE AWG24-30
CN912F 2pcs	1-569-199-31	o HOUSING 6P
	1-569-192-11	o CONTACT, FEMALE AWG22-26
4pcs	1-569-194-11	o CONTACT, FEMALE AWG24-30
to DUS-355 board		
CN934F 2pcs	1-569-195-11	s HOUSING 2P
	1-569-193-11	o CONTACT, FEMALE
to HP-61/61A board		
	HP-61:	UVW-1800
	HP-61A:	UVW-1600
CN401F 10pcs	1-562-155-11	o HOUSING 10P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN403F 3pcs	1-562-148-11	o HOUSING 3P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
to KY-249/249A board		
	KY-249:	UVW-1800
	KY-249A:	UVW-1600
CN590F 15pcs	1-562-958-11	o HOUSING 15P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN591F	1-559-586-11	o WIRE, FLEXIBLE CARD 20P
CN592F 4pcs	1-562-149-11	o HOUSING 4P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN593F	1-559-586-11	o WIRE, FLEXIBLE CARD 20P

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No. or Q'ty	Part No.	SP Description
to MB-470/470A board		
	MB-470:	UVW-1800
	MB-470A:	UVW-1600
CN200F 9pcs	1-562-800-11	o HOUSING 9P
	1-562-210-11	o CONTACT, FEMALE AWG18-22
CN201F 9pcs	1-562-511-11	o HOUSING 9P
	1-562-490-11	o CONTACT, FEMALE AWG22-28
CN211F 12pcs	1-562-157-11	o HOUSING 12P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN231F	1-751-632-12	s WIRE, FLEXIBLE CARD 34P
CN232F	1-575-733-11	s CABLE, FLAT 17P
CN235F 3pcs	1-562-148-11	o HOUSING 3P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN262F 15pcs	1-562-958-11	o HOUSING 15P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN266F 4pcs	1-562-149-11	o HOUSING 4P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN267F 7pcs	1-562-152-11	o HOUSING 7P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN268F 14pcs	1-562-185-11	o HOUSING 14P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN269F 6pcs	1-562-151-11	o HOUSING 6P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN271F 12pcs	1-562-157-11	o HOUSING 12P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
to MB-471/471A board		
	MB-471:	UVW-1800
	MB-471A:	UVW-1600
CN251F 9pcs	1-562-508-11	o HOUSING 6P
	1-562-490-11	o CONTACT, FEMALE AWG22-28
CN261F 12pcs	1-562-157-11	o HOUSING 12P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN264F(for UVW-1800 only)		
	1-569-200-31	o HOUSING 7P
2pcs	1-569-191-11	o CONTACT, FEMALE AWG22-26
4pcs	1-569-193-11	o CONTACT, FEMALE
CN265F(for UVW-1800 only)		
	1-562-148-11	o HOUSING 3P
3pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN274F 7pcs	1-562-152-11	o HOUSING 7P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN275F 6pcs	1-562-151-11	o HOUSING 6P
	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN276F(for UVW-1800 only)		
	1-562-151-11	o HOUSING 6P
6pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
CN277F 4pcs	1-562-149-11	o HOUSING 4P
	1-564-026-00	o CONTACT, FEMALE AWG26-30

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No. or Q'ty	Part No.	SP Description
to MB-471/471A board		
	MB-471:	UVW-1800
	MB-471A:	UVW-1600
CN278F 10pcs	1-562-155-11 o	HOUSING 10P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN281F(for UVW-1800 only)		
	1-751-632-12 s	WIRE, FLEXIBLE CARD 34P
to MS-39/39A board		
	MS-39:	UVW-1800
	MS-39A:	UVW-1600
CN350F 12pcs	1-562-157-11 o	HOUSING 12P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN351F 4pcs	1-562-149-11 o	HOUSING 4P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN352F 2pcs	1-569-195-11 s	HOUSING 2P
	1-569-193-11 o	CONTACT, FEMALE
CN353F 7pcs	1-562-152-11 o	HOUSING 7P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN354F 15pcs	1-569-208-11 o	HOUSING 15P
	1-569-193-11 o	CONTACT, FEMALE
CN355F 8pcs	1-562-153-11 o	HOUSING 8P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN356F CN357F	1-751-633-11 s	WIRE, FLEXIBLE CARD 13P
	1-751-634-11 s	WIRE, FLEXIBLE CARD 13P
CN358F 6pcs	1-562-151-11 o	HOUSING 6P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN359F 4pcs	1-562-149-11 o	HOUSING 4P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN360F 4pcs	1-569-197-11 o	HOUSING 4P
	1-569-193-11 o	CONTACT, FEMALE
CN361F 1pc 2pcs	1-569-196-11 o	HOUSING 3P
	1-569-191-11 o	CONTACT, FEMALE AWG22-26
	1-569-193-11 o	CONTACT, FEMALE
CN362F CN363F CN364F	1-558-261-31 s	WIRE, FLEXIBLE CARD 30P
	1-558-261-31 s	WIRE, FLEXIBLE CARD 30P
	1-558-261-31 s	WIRE, FLEXIBLE CARD 30P
to PD-35 board		
CN851F 2pcs	1-562-147-11 o	HOUSING 2P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN854F 6pcs	1-562-151-11 o	HOUSING 6P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
to PTC-66 board		
CN944F 4pcs	1-562-149-11 o	HOUSING 4P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No. or Q'ty	Part No.	SP Description
to PTC-67 board		
CN941F 7pcs	1-562-152-11 o	HOUSING 7P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
CN942F 2pcs	1-569-195-21 o	HOUSING 2P
	1-569-193-11 o	CONTACT, FEMALE
CN943F 2pcs	1-562-147-11 o	HOUSING 2P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
to PTC-68 board		
CN940F 4pcs	1-562-149-11 o	HOUSING 4P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30
to RM-126 board		
CN946F	1-751-633-12 s	WIRE, FLEXIBLE CARD 13P
CN947F 4pcs	1-569-197-11 o	HOUSING 4P
	1-569-193-11 o	CONTACT, FEMALE
to RM-127 board		
CN951F	1-751-634-12 s	WIRE, FLEXIBLE CARD 13P
CN952F 4pcs	1-569-197-11 o	HOUSING 4P
	1-569-193-11 o	CONTACT, FEMALE
to RP-70/70A board		
	RP-70:	UVW-1800
	RP-70A:	UVW-1600
CN1F 1pc 2pcs	1-569-196-11 o	HOUSING 3P
	1-569-192-11 o	CONTACT, FEMALE AWG22-26
	1-569-194-11 o	CONTACT, FEMALE AWG24-30
CN101F 1pc 2pcs	1-569-196-31 o	HOUSING 3P
	1-569-192-11 o	CONTACT, FEMALE AWG22-26
	1-569-194-11 o	CONTACT, FEMALE AWG24-30
CN201F 1pc 2pcs	1-569-196-41 o	HOUSING 3P
	1-569-192-11 o	CONTACT, FEMALE AWG22-26
	1-569-194-11 o	CONTACT, FEMALE AWG24-30
CN301F 1pc 2pcs	1-569-196-21 o	HOUSING 3P
	1-569-192-11 o	CONTACT, FEMALE AWG22-26
	1-569-194-11 o	CONTACT, FEMALE AWG24-30
to SE-207 board		
CN950F 4pcs	1-569-619-11 o	HOUSING 4P
	1-565-977-11 s	CONTACT, FEMALE AWG28-32
to SWITCHING REGULATOR		
CN1F 9pcs	△ 1-562-800-11 o	HOUSING 9P
	△ 1-562-210-11 o	CONTACT, FEMALE AWG18-22
CN101F△ 2pcs	△ 1-562-286-11 o	HOUSING 5P
	△ 1-562-210-11 o	CONTACT, FEMALE AWG18-22
CN151F△ 2pcs	△ 1-562-285-11 o	HOUSING 4P
	△ 1-562-210-11 o	CONTACT, FEMALE AWG18-22
to TAPE END SENSOR		
CN938F 2pcs	1-562-147-11 o	HOUSING 2P
	1-564-026-00 o	CONTACT, FEMALE AWG26-30



(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No. or Q'ty	Part No.	SP Description
to TAPE TOP SENSOR		
CN939F	1-562-147-11	o HOUSING 2P
2pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30
to TR-84 board		
CN945F	1-569-619-11	o HOUSING 4P
4pcs	1-565-977-11	s CONTACT, FEMALE AWG28-32
to VR-155 board (for UVW-1800 only)		
CN402F	1-562-151-11	o HOUSING 6P
6pcs	1-564-026-00	o CONTACT, FEMALE AWG26-30

18-4.PACKING MATERIALS & ACCESSORIES

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 1-551-812-11	s CORD, POWER 3P (for UC)
1pc	△ 1-557-161-11	s CORD, POWER 2P (for J)
1pc	△ 1-590-910-11	s CORD, POWER 3P (for EK)
1pc	1-751-019-81	o CABLE, D-SUB 9P(RCC5G) 5m
1pc	3-182-362-01	o SPACER
1pc	3-182-442-02	o CUSHION (BOTTOM)
1pc	3-182-443-03	o CUSHION (TOP)
1pc	3-182-233-02	o INDIVIDUAL CARTON (for UVW-1600(J,UC))
1pc	3-183-334-02	o INDIVIDUAL CARTON (for UVW-1600(EK))
1pc	3-182-444-02	o INDIVIDUAL CARTON (for UVW-1800(J,UC))
1pc	3-183-335-02	o INDIVIDUAL CARTON (for UVW-1800(EK))
1pc	3-704-355-01	o SHEET (STANDARD), PROTECTION
1pc	3-757-560-03	s MANUAL, INSTRUCTION (Japanese for UVW-1600(J))
1pc	△ 3-757-560-23	s MANUAL, INSTRUCTION (English, French for UVW-1600(UC))
1pc	3-757-560-43	s MANUAL, INSTRUCTION (German, Italian for UVW-1600(EK))
1pc	3-757-561-03	s MANUAL, INSTRUCTION (Japanese for UVW-1800(J))
1pc	△ 3-757-561-24	s MANUAL, INSTRUCTION (English, French for UVW-1800(UC))
1pc	3-757-561-43	s MANUAL, INSTRUCTION (German, Italian for UVW-1800(EK))
1pc	3-800-983-01	s INSTRUCTION (for UVW-1800/1600(J))

18-5.OPTIONAL FIXTURES

Part No.	SP Description
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J-6001-820-A o DRUM ECCENTRICITY GAUGE (3)

J-6001-830-A o DRUM ECCENTRICITY GAUGE (2)

J-6001-840-A o DRUM ECCENTRICITY GAUGE (1)

or

J-6325-530-A o DRUM ECCENTRICITY GAUGE (6)

J-6031-820-A o MULTI CONNECTOR CABLE (DIBNC)

J-6031-830-A o MULTI CONNECTOR CABLE (DOBNC)

J-6080-029-A o ADJUSTMENT MIRROR

J-6087-000-A o DRUM ECCENTRICITY GAUGE (5)

J-6150-960-A o REEL MOTOR SHAFT SLANTNESS CHECK FIXTURE

J-6152-450-A o WIRE CLEARANCE GAUGE

J-6320-680-A o REEL TABLE HEIGHT GAUGE

J-6320-880-A o CASSETTE BASE PLATE (L)

J-6321-500-A o TAPE GUIDE ADJUSTMENT DRIVER

J-6332-780-A o EXTENSION BOARD, EX-278

J-6332-790-A o EXTENSION BOARD, EX-279

J-6335-790-A o DEVIATION CHECKER, EW579

(for UVW-1800(J, UC))

J-6335-800-A o DEVIATION CHECKER, EW580

(for UVW-1800P (EK))

J-6381-380-A o S CONNECTOR CABLE, EW703

2-034-697-00 o CLEANING PIECE

3-703-360-09 o PARALLEL PIN

7-661-018-18 o OIL

7-662-010-04 o GREASE, SGL-505 (20 g)

7-700-736-01 o L-SHAPED HEXAGONAL WRENCH (d:1.27 mm)

7-700-736-05 o L-SHAPED HEXAGONAL WRENCH (d:1.5 mm)

7-700-736-06 o L-SHAPED HEXAGONAL WRENCH (d:0.89 mm)

8-960-096-01 o ALIGNMENT TAPE, CR2-1B

8-960-096-41 o ALIGNMENT TAPE, CR5-1B

8-960-096-51 o ALIGNMENT TAPE, CR2-1B PS

8-960-096-91 o ALIGNMENT TAPE, CR5-1B PS

8-960-097-45 o ALIGNMENT TAPE, CR8-1A

8-960-098-45 o ALIGNMENT TAPE, CR8-1A PS

8-960-096-86 o ALIGNMENT TAPE, CR8-1B PS

9-911-053-00 o THICKNESS GAUGE

9-919-573-01 o CLEANING FLUID

STANDARD TENTEI METER (T2-H7-SLC)

PRODUCTS

UVW-1800

UVW-1800P

UVW-1600

UVW-1600P (J, UC, EK)

9-977-551-22 (1)

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